THE AMERICAN EDUCATION DESKBOOK

1982-83

Editorial Projects in Education

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State Appropriations for Higher Education, 1981-82

Annual Appropriations

	Appropriations 1981-82 (add 000)	2-year change
ALABAMA		
U of Alabama		
Birmingham	$ 63,976	+ 6%
Tuscaloosa	42,026	+ 7%
Huntsville	11,232	+ 6%
Auburn U	64,148	+ 7%
U of South Alabama	23,904	+ 6%
Jacksonville St U	11,700	+ 6%
Alabama A&M U	9,079	+ 9%
Troy St U	8,330	+ 5%
Alabama St U	7,816	+ 6%
U of North Alabama	7,441	+ 6%
U of Montevallo	6,084	+13%
Livingston U	3,650	+13%
Athens St C	1,508	+ 1%
Community colleges	41,559	+ 3%
Aid to voc-tech schs	35,166	+ 8%
Aid to pvt insts	2,485	0%
Student aid	939	0%
Other appropriations*	76,714	+35%
Total	**$ 417,757**	**+11%**
ALASKA		
U of Alaska		
Fairbanks	$ 38,379	+68%
Anchorage	17,824	+67%
Juneau	7,286	+ 6%
Community colleges	32,534	+79%
Other appropriations	26,416	+54%
Total	**$ 122,439**	**+69%**
ARIZONA		
U of Arizona	$ 141,578	+31%
Arizona St U	96,357	+47%
Northern Arizona U	34,741	+38%
Community colleges	30,431	– 1%
Other appropriations	3,694	+17%
Total	**$ 306,801**	**+32%**
ARKANSAS		
U of Arkansas	$ 116,378	+ 7%
Arkansas St U	18,510	+10%
U of Central Arkansas	11,841	+ 8%
Southern Arkansas U	7,351	+ 9%
Henderson St U	6,544	– 2%
Arkansas Tech U	6,481	+16%
Community colleges	13,394	+12%
Student aid	2,234	+62%
Other appropriations	1,247	+38%
Total	**$ 183,980**	**+ 8%**
CALIFORNIA		
U of California	$ 1,134,330	+25%
Cal St U & Colls		
San Diego	88,351	+25%
Long Beach	79,090	+ 5%
San Jose	70,319	+16%
Northridge	67,812	+20%
San Francisco	64,589	+17%
Los Angeles	62,911	+14%
San Luis Obispo	62,352	+21%
Sacramento	61,141	+21%
Fullerton	56,329	+22%
Fresno	53,768	+20%
Pomona	52,837	+24%
Chico	49,825	+21%
Hayward	38,892	+21%
Humboldt	33,327	+22%
Dominguez Hills	25,090	+28%
Sonoma	23,798	+23%
San Bernardino	18,008	+27%
Stanislaus	16,033	+26%
Bakersfield	15,227	+20%
Hastings C of Law	7,500	+39%
Cal Maritime Academy	3,450	+37%
Community colleges	1,107,518	+11%
Student aid	90,500	+17%
Postsecondary Ed Commission	2,600	+43%
Other appropriations	43,109	– 18%
Total	**$ 3,328,706**	**+18%**
COLORADO		
U of Colorado	$ 101,813	+40%
St Bd of Ag (for Colorado St U, U of Southern Colo, and Ft. Lewis C)	59,722	38%
U of Northern Colo	21,451	+30%
Colo Sch of Mines	8,470	+20%
State colleges (Mesa, Metropolitan, Western, and Adams St)	30,906	+49%
Aid to state comm colls	34,326	+38%
Aid to dist comm colls	8,635	+35%
Occupational ed	20,090	+18%
Student aid	14,875	+16%
Veterans' tuition aid	676	–32%
Other appropriations*	4,827	n/c
Total	**$ 305,791**	**+24%**
CONNECTICUT		
U of Connecticut	$ 99,663	+ 3%
State colleges		
Southern Connecticut	18,376	n/c
Central Connecticut	17,933	n/c
Western Connecticut	8,339	n/c
Eastern Connecticut	6,755	n/c
Bd for state colleges	897	n/c
Higher Ed Ctr	1,419	+85%
Aid to regional comm colleges	33,291	+16%
Aid to state tech colleges	9,959	—
Other appropriations	63,339	+34%
Total	**$ 259,971**	**+15%**
DELAWARE		
U of Delaware	$ 42,819	+38%
Del Tech and Comm Coll	17,426	+30%
Delaware St C	9,930	+36%
Delaware Inst of Med Ed and Research	1,298	+18%
Delaware Inst Veterinary Med Ed	147	+126%
Other appropriations	505	+15%
Total	**$ 72,125**	**+35%**
FLORIDA		
U of Florida	$ 196,483	+17%
U of South Florida	83,294	+37%
Florida St U	77,546	+28%
Florida International U	33,965	+32%
U of Central Florida	31,792	+32%
Florida Atlantic U	24,667	+37%
Florida A&M U	20,061	+25%
U of West Florida	18,285	+24%
U of North Florida	13,763	+27%
U of Miami Med Sch	8,018	+29%
U of Miami Nurs Prog	200	0%
Barry C, Social Work	204	+229%
Community colleges	279,453	+26%
Other appropriations	14,585	–35%
Total	**$ 802,316**	**+23%**
GEORGIA		
U of Georgia	$ 138,558	+30%
Medical C of Georgia	62,656	+62%
Georgia St U	51,117	+24%
Georgia Inst of Tech	42,934	+17%
State colleges		
Georgia Southern	13,853	+31%
West Georgia	12,008	+28%
Valdosta	9,485	+36%
Columbus	9,024	+25%
Savannah	6,844	+26%
Fort Valley	7,034	+32%
Augusta	6,511	+28%

state support

	Appropriations 1981-82 (add 000)	2-year change
GEORGIA—Continued		
Georgia	6,530	+29%
Albany	6,269	+37%
Armstrong	5,852	+28%
Georgia	5,718	+27%
Kennesaw	5,867	+41%
Southern Tech Inst	4,547	n/c
North Georgia	4,286	+29%
Aid to st comm colls	38,593	+27%
Aid to local comm colls	5,937	+10%
Student aid	1,210	+ 5%
Other appropriations	9,544	+25%
Total	**$ 498,919**	**+30%**
HAWAII		
U of Hawaii	$ 139,997	+22%
Other appropriations*	29,890	+56%
Less tuition and other revenue	−15,132	
Total	**$ 154,755**	**+30%**
IDAHO		
U of Idaho	$ 38,062	+14%
Boise St U	18,859	+13%
Idaho St U	18,362	+10%
Lewis-Clark St C	2,499	− 4%
Community colleges*	4,334	+12%
Student aid	264	− 7%
Other appropriations	1,257	−26%
Total	**$ 95,100**	**+12%**
ILLINOIS		
U of Illinois		
Urbana-Champaign	$ 171,879	+ 9%
Medical Center	105,775	+15%
Chicago Circle	56,672	+16%
General university	24,202	+49%
Southern Illinois U		
Carbondale	90,457	+12%
Edwardsville	38,973	+ 9%
Northern Illinois U	60,471	+13%
Illinois St U	47,183	+10%
Western Illinois U	33,167	+ 6%
Eastern Illinois U	23,694	+13%
Northeastern Illinois U	20,811	+17%
Chicago St U	18,334	+17%
Governors St U	13,739	+13%
Sangamon St U	13,277	+13%
Community colleges	153,562	+14%
Student aid	89,930	+11%
Other appropriations	36,663	+ 8%
Total	**$ 996,810**	**+13%**
INDIANA		
Indiana U	$ 182,547	+19%
Purdue U	130,417	+17%
Ball St U	47,739	+14%
Indiana St U	43,009	+14%
Indiana Voc-Tech C	20,779	+28%
Vincennes U	8,477	+32%

	Appropriations 1981-82 (add 000)	2-year change
INDIANA—Continued		
Student aid	20,722	+ 2%
Other appropriations	28,804	+21%
Total	**$ 482,494**	**+17%**
IOWA		
U of Iowa	$ 135,034	+15%
Iowa St U	101,571	+18%
U of Northern Iowa	32,723	+14%
Des Moines C of Osteo	450	−63%
Aid to area schools	55,315	+ 5%
Student aid	14,835	+ 2%
Other appropriations	2,010	− 5%
Total	**$ 341,938**	**+13%**
KANSAS		
U of Kansas	$ 118,389	+17%
Kansas St U	62,503	+16%
Wichita St U	27,050	+13%
Emporia St U	14,198	+14%
Pittsburg St U	13,421	+15%
Fort Hays St U	12,384	+ 21%
Washburn U of Topeka	2,761	+15%
Kansas Tech Inst	1,916	+48%
Community colleges	20,066	+19%
Other appropriations	5,974	+18%
Total	**$ 278,662**	**+17%**
KENTUCKY		
U of Kentucky	$ 142,379	+21%
U of Louisville	71,712	+15%
Eastern Kentucky U	31,304	+19%
Western Kentucky U	30,375	+18%
Murray St U	23,800	+18%
Morehead St U	18,839	+16%
Northern Kentucky U	15,522	+14%
Kentucky St U	9,908	+17%
Other appropriations	11,452	+27%
Total	**$ 355,291**	**+18%**
LOUISIANA		
Louisiana St U	$ 250,453	+39%
Southern U	33,464	+30%
Bd of Trustees system		
U of SW Louisiana	29,738	+39%
Louisiana Tech U	23,817	+36%
NE Louisiana U	22,504	+42%
SE Louisiana U	17,137	+35%
Northwestern St U	15,494	+24%
Nicholls St U	14,769	+27%
McNeese St U	12,354	+28%
Grambling St U	11,441	+28%
Delgado CC	11,202	+33%
System administration	909	+41%
Aid to pvt colleges	3,059	+53%
Student aid	3,018	+302%
Other appropriations	5,395	+206%
Total	**$ 454,754**	**+38%**

	Appropriations 1981-82 (add 000)	2-year change
MAINE		
U of Maine	$ 52,487	+20%
Maine Maritime Acad	2,916	+24%
Vocational education	9,906	+15%
Student aid	1,562	−37%
Total	**$ 66,871**	**+17%**
MARYLAND		
U of Maryland	$ 163,538	+15%
State colleges		
Towson	18,141	+ 4%
Morgan	13,163	+11%
Frostburg	7,708	+ 4%
Salisbury	6,529	+ 3%
U of Baltimore	5,927	+15%
Bowie	5,879	+ 6%
Coppin	4,977	− 1%
Saint Mary's C of Md	3,376	− 1%
Trustees	7,383	+72%
Community colleges	57,498	+27%
Aid to pvt colleges	11,198	+41%
Student aid	9,207	+42%
Other appropriations*	71,425	+30%
Total	**$ 385,949**	**+19%**
MASSACHUSETTS		
Total (estimated) (Institutional totals not available)	**$364,500**	**+16%**
MICHIGAN		
U of Michigan	$ 172,837	+ 5%
Michigan St U	153,447	+ 5%
Wayne St U	103,232	+ 5%
Western Michigan U	48,996	+ 5%
Eastern Michigan U	36,698	+ 6%
Central Michigan U	31,801	+ 8%
Ferris St C	23,411	+ 7%
Michigan Tech U	22,373	+ 7%
Northern Michigan U	22,170	+ 6%
Oakland U	20,973	+ 6%
Grand Valley St C	13,717	+ 3%
Saginaw Valley St C	7,243	+ 8%
Lake Superior St C	6,076	+ 6%
Community colleges	134,902	0%
Student aid	49,343	+36%
Other appropriations	1,313	+ 4%
Total	**$ 848,532**	**+ 5%**
MINNESOTA		
Total (estimated) (Institutional totals not available)	**$515,000**	**+12%**
MISSISSIPPI		
U of Mississippi	$ 74,427	+41%
Mississippi St U	61,770	+33%
U of So Mississippi	31,672	+29%
Jackson St U	15,614	+23%
Miss U for Women	9,002	+20%
Delta St U	9,764	+36%

	Appropriations 1981-82 (add 000)	2-year change
MISSISSIPPI—Continued		
Alcorn St U	8,196	+25%
Miss Valley State U	7,393	+25%
Gulf Coast Research Lab	2,820	+23%
Vocational education	33,807	+26%
Community colleges	36,191	+16%
Student aid	1,575	n/c
Other appropriations	8,293	−10%
Total	**$ 300,524**	**+29%**
MISSOURI		
U of Missouri	$ 183,595	+13%
SW Missouri St U	24,428	+19%
Central Missouri St U	19,608	+ 7%
SE Missouri St U	17,161	+ 9%
NE Missouri St U	13,563	+15%
NW Missouri St U	10,483	+13%
Missouri Western St C	7,022	+14%
Missouri Southern St C	6,273	—
Lincoln U	6,192	+ 4%
Harris-Stowe C	2,957	+21%
Aid to pub comm colls	33,265	+10%
Student aid	8,543	+14%
Other appropriations*	19,680	+12%
Total	**$ 352,770**	**+12%**
MONTANA		
Montana St U	$ 33,315	+46%
U of Montana	23,015	+35%
Eastern Montana C	8,449	+31%
Northern Montana C	4,211	+43%
Western Montana C	2,283	+35%
C of Min Sci & Tech	5,726	+47%
Community colleges	2,493	+29%
Other appropriations	4,201	+14%
Total	**$ 83,693**	**+38%**
NEBRASKA		
U of Nebraska	$ 145,368	+25%
Kearney St C	9,172	+28%
Wayne St C	5,100	+23%
Chadron St C	5,067	+24%
Peru St C	2,884	+21%
System office	181	−71%
Aid to tech comm colls	19,281	+17%
Other appropriations	137	+104%
Total	**$ 187,190**	**+24%**
NEVADA		
U of Nevada		
Reno	$ 30,105	+13%
Las Vegas	17,478	+12%
Community colleges	11,508	+28%
Other appropriations	6,760	+19%
Total	**$ 65,851**	**+16%**
NEW HAMPSHIRE		
U of New Hampshire	$ 22,335	+28%
Keene St C	4,085	+45%
Plymouth St C	3,844	+36%
UNH System Adm	519	n/c
Aid to tech colleges	6,527	+13%
Student aid	603	+43%
Other appropriations	1,410	n/c
Total	**$ 39,323**	**+32%**
NEW JERSEY		
Rutgers U	$ 124,574	+13%
NJ C of Med & Dentistry	75,602	+21%
NJ Inst of Tech	16,508	+10%
State colleges		
Montclair	18,729	+15%
Paterson	17,444	+17%
Trenton	16,685	+19%
Kean	15,781	+16%
Glassboro	15,092	+17%
Jersey City	14,294	+22%
Richard Stockton	8,510	+17%
Ramapo	7,953	+13%
Thomas A.Edison C	1,096	+18%
Aid to county colleges	55,663	+ 9%
Aid to pvt colleges	10,900	+23%
Student aid	55,579	+24%
Other appropriations	10,377	+16%
Total	**$ 464,787**	**+16%**
NEW MEXICO		
U of New Mexico	$ 78,444	+32%
New Mexico St U	52,391	+43%
E New Mexico U	15,833	+35%
NM Highlands U	7,545	+32%
NM Inst of Min & Tech	8,238	+51%
W New Mexico U	4,034	+29%
N New Mexico CC	2,715	+20%
NM Military Inst	288	+424%
Community colleges	338	+ 9%
Student aid	658	n/c
Other appropriations	1,092	+28%
Total	**$ 171,576**	**+36%**
NEW YORK		
SUNY centers		
Stony Brook	$ 139,986	+38%
Buffalo	119,367	+22%
Albany	59,498	+21%
Binghamton	39,448	+22%
SUNY medical ctrs	139,678	+24%
SUNY colleges		
Buffalo	31,033	+21%
Brockport	27,589	+15%
Oswego	25,407	+18%
Oneonta	20,310	+20%
New Paltz	20,235	+15%
Plattsburgh	18,881	+21%
Cortland	18,560	+18%
Geneseo	18,074	+16%
Potsdam	17,739	+20%
Fredonia	16,350	+17%
Purchase	15,609	+21%
Old Westbury	10,521	+33%
Statutory colleges		
Cornell U*	65,018	+25%
Alfred U	3,882	+19%
Specialized colleges		
Environ Sci & Forestry	12,945	+26%
Empire State	9,363	+26%
C of Tech	7,815	+38%
Maritime	6,494	+25%
Optometry	5,691	+19%
Ag & tech colleges		
Farmingdale	20,938	+24%
Alfred	13,333	+18%
Cobleskill	9,433	+18%
Morrisville	9,136	+17%
Delhi	8,889	+23%
Canton	7,751	+21%
University-wide progs	75,149	+39%
Community colleges	174,481	+ 5%
Aid to pvt colleges	118,551	+31%
Aid to CUNY	293,061	+62%
Student aid	292,000	+ 7%
Other appropriations*	184,884	n/c
Less student fees and other income	$201,670	n/c
Total	**$ 1,855,429**	**+20%**
NORTH CAROLINA		
U of North Carolina		
Chapel Hill	$ 163,150	+23%
Greensboro	27,911	+25%
Charlotte	22,686	+26%
Wilmington	12,567	+37%
Asheville	5,375	+31%
North Carolina St U	112,974	+30%
East Carolina U	55,868	+44%
Appalachian St U	25,971	+26%
NC A&T St U	18,193	+27%
Western Carolina U	17,881	+26%
NC Central U	15,561	+27%
Winston-Salem St U	7,832	+22%
Fayetteville St U	7,599	+28%
Pembroke St U	6,553	+23%
Elizabeth City St U	6,461	+22%
NC Sch of the Arts	4,414	+33%
Community colleges and tech insts	1839,180	+28%
Other appropriations	36,724	+14%
Total	**$ 736,882**	**+27%**
OHIO		
Total (estimated) (Institutional totals not available)	**$ 698,350**	**+ 4%**
OKLAHOMA		
U of Oklahoma	$ 94,987	+39%
Oklahoma St U	88,245	+46%
Central St U	18,099	+28%
Northeastern St U	11,715	+46%
Scuthwestern St U	10,328	+37%
Cameron U	8,554	+35%
Southeastern St U	7,628	+45%
East Central St U	7,333	+51%
Okla C of Osteo Med	4,923	+40%
Langston U	3,830	+30%

state support

	Appropriations 1981-82 (add 000)	2-year change
OKLAHOMA—Continued		
Northwestern St U	3,415	+49%
U of Science & Arts	3,313	+25%
Okla Panhandle St U	3,244	+56%
Community colleges	57,464	+48%
Other appropriations	2,475	+61%
Total	**$ 325,553**	**+42%**
OREGON		
U of Oregon	$ 49,343	+ 9%
Health Sci Ctr	22,859	+21%
Oregon St U	55,272	+13%
Portland St U	21,811	+ 9%
So Oregon St C	8,104	+15%
Western Oregon St C	6,822	+ 6%
Oregon Inst of Tech	6,478	+16%
Eastern Oregon St C	4,526	+19%
Community colleges	51,347	+ 9%
Student aid	8,546	− 7%
Other appropriations	17,494	n/c
Total	**$ 252,602**	**+10%**
PENNSYLVANIA		
Pennsylvania St U	$ 133,766	+11%
Temple U	83,243	+10%
U of Pittsburgh	74,703	+11%
Lincoln U	4,125	+11%
State-owned insts		
Indiana U of Pa	28,363	+16%
West Chester	22,134	+12%
Edinboro	16,614	+ 3%
Slippery Rock	16,148	+10%
Bloomsburg	16,066	+16%
Millersville	15,446	+13%
Clarion	15,361	+13%
Shippensburg	15,118	+12%
California	14,986	+ 5%
Kutztown	14,154	+15%
East Stroudsburg	12,623	+18%
Mansfield	10,376	+ 4%
Cheyney	10,208	+12%
Lock Haven	9,415	+13%
Unallocated	2,584	+546%
Pvt, state-aided insts		
U of Pennsylvania	22,008	+15%
Thomas Jefferson U	5,913	+ 1%
Drexel U	3,980	+ 8%
Philadelphia C of Osteopathic Med	3,621	0%
Hahnemann Med C	3,543	+ 2%
Med C of Pa*	2,253	− 2%
Pa C of Optometry	863	+ 4%
Pa C Podiatric Med	707	+ 4%
Philadelphia C of Art	466	+ 4%
Philadelphia C of Textiles & Science	409	+ 4%
Del Valley Sci & Ag	310	+ 4%
Phil C Perf Arts	108	+ 4%
Community colleges*	45,000	+19%
Other appropriations*	220,877	+12%
Total	**$ 825,491**	**+12%**

	Appropriations 1981-82 (add 000)	2-year change
RHODE ISLAND		
U of Rhode Island	$ 42,724	+17%
Rhode Island C	$ 20,069	+19%
Rhode Island Jr C	15,430	+21%
Student aid	5,478	+43%
Aid to medical ed	1,167	+ 9%
Other appropriations	389	+19%
Total	**$ 85,257**	**+19%**
SOUTH CAROLINA		
U of South Carolina	$ 99,494	+13%
Medical U of SC	70,779	+ 8%
Clemson U	66,703	+12%
Winthrop C	11,781	+22%
South Carolina St C	11,718	+ 9%
C of Charleston	11,160	+ 3%
Citadel Mil C of SC	9,091	+12%
Francis Marion C	6,219	+14%
Lander C	4,143	+ 8%
Board for Tech & Comp Ed	56,140	+18%
Aid to pvt-coll students	12,266	+24%
Other appropriations	1,677	+14%
Total	**$ 361,171**	**+13%**
SOUTH DAKOTA		
South Dakota St U	$ 19,219	+ 1%
U of South Dakota	17,281	+ 8%
SD Sch of Mines & Tech	4,865	16%
Northern St C	3,925	+ 3%
Black Hills St C	3,160	+ 4%
Dakota St C	1,925	+ 9%
Student aid	145	−26%
Other appropriations	1,623	− 9%
Total	**$ 52,143**	**+ 5%**
TENNESSEE		
U of Tennessee	$ 127,794	+ 7%
Memphis St U	31,575	+ 3%
East Tennessee St U	20,912	+10%
Middle Tenn St U	18,039	+13%
Tennessee St U	13,921	− 7%
Tennessee Tech U	13,420	+ 8%
Austin Peay St U	7,729	+ 5%
Community colleges	32,653	+ 9%
State tech insts	14,285	+21%
Other appropriations	75,953	+133%
Total	**$ 357,016**	**+12%**
TEXAS		
U of Texas	$ 693,549	+42%
Texas A&M U	226,318	+51%
U of Houston	108,467	+49%
Texas Tech U	104,036	+61%
North Texas St U	44,570	+43%
Southwest Texas St U	35,471	+68%
Texas Woman's U	29,934	+30%
Lamar U	25,635	+46%
East Texas St U	24,439	+27%
Texas St Tech Inst	32,593	+71%
Sam Houston St U	21,286	+31%

	Appropriations 1981-82 (add 000)	2-year change
TEXAS—Continued		
Stephen Austin St U	23,953	+57%
Texas Southern U	23,381	+74%
Pan American U	19,256	+50%
Tex C Osteo Med	18,795	+41%
Texas A&I U	12,597	+25%
West Texas St U	14,681	+52%
Angelo St U	10,254	+41%
Midwestern St U	8,943	+28%
Corp Christi St U	7,306	+59%
Sul Ross St U	6,037	+ 7%
Laredo St U	2,581	+24%
Community colleges	334,959	+40%
Coordinating board	72,342	+51%
Other appropriations	3,624	+ 7%
Total	**$ 1,905,008**	**+45%**
UTAH		
U of Utah	$ 77,990	+21%
Utah St U	39,813	+20%
Weber St C	20,456	+19%
Utah Tech C		
Salt Lake	7,953	+16%
Provo	6,992	+20%
Southern Utah St C	6,285	+19%
Dixie C	3,461	+21%
Snow C	3,418	+19%
C of Eastern Utah	2,776	+22%
Student aid	157	+21%
Other appropriations	4,270	—
Total	**$ 174,139**	**+20%**
VERMONT		
U of Vermont	$ 18,779	+21%
Vermont St colleges	8,786	+25%
Student aid	6,273	+38%
Other appropriations	38	+19%
Total	**$ 33,876**	**+25%**
VIRGINIA		
Virginia Polytech Inst and St U	$ 94,080	+21%
Va Commonwealth U	88,844	+18%
U of Virginia	85,108	+18%
Old Dominion U	26,338	+25%
C of William and Mary	25,240	+57%
George Mason U	21,179	+55%
Madison U	17,278	+28%
Norfolk St U	13,546	+26%
Radford U	10,610	+29%
Virginia St U	9,293	+ 8%
Mary Washington C	5,359	+33%
Longwood C	5,340	+32%
Virginia Military Inst	4,848	+21%
Christopher Newport C	4,748	+26%
Community colleges	105,524	+18%
Student aid	5,428	+17%
Other appropriations	21,198	+24%
Total	**$ 543,961**	**+22%**
WEST VIRGINIA		
West Virginia U	$ 83,202	+11%

	Appropriations 1981-82 (add 000)	2-year change
WEST VIRGINIA—Continued		
Marshall U	22,551	+19%
Fairmont St C	7,381	+14%
W V Inst of Tech	6,509	+13%
West Virginia St C	6,428	+13%
West Liberty St C	5,716	+11%
Shepherd C	4,633	+14%
Concord C	4,449	+15%
W V C of Grad Studies	3,949	+15%
Glenville St C	3,764	+17%
Bluefield St C	3,479	+15%
West Virginia Sch of Osteopathic Med	3,593	+ 1%
Community colleges	8,750	+13%
Student aid	3,000	+15%
Other appropriations	17,288	n/c
Total	**$ 192,092**	**+21%**
WISCONSIN		
U of Wisconsin System	444,245	+15%
Med C of Wisconsin	6,590	+25%
Voc-tech adult ed	60,752	+10%
Other appropriations	20,366	− 6%
Total	**$ 531,953**	**+14%**
WYOMING		
U of Wyoming	$ 60,429	+59%
Community colleges	22,091	+64%
Other appropriations	124	+10%
Total	**$ 82,644**	**+60%**

Biennial Appropriations

	Appropriations 1980-81 (add 000)	2-year change
NORTH DAKOTA		
North Dakota St U	$ 80,009	+43%
U of North Dakota	76,399	+47%
St Sch of Science	19,117	+37%
Minot St C	14,017	+49%
Dickinson St C	8,209	+40%
Valley City St C	6,838	+35%
Mayville St C	5,975	+35%
Community colleges	6,111	+38%
Aid to pvt-coll students	400	+100%
Total	**$ 217,077**	**+43%**
WASHINGTON		
U of Washington	$ 256,760	− 4%
Washington St U	169,897	+ 5%
W Washington U	54,017	+ 5%
E Washington U	53,163	+16%
Central Wash U	46,533	+12%
Evergreen St C	23,119	+19%
Community colleges	369,140	+12%
Student aid	20,119	+79%
Other appropriations	2,795	n/c
Total	**$ 995,643**	**+ 6%**

NOTE: Some totals may be inconsistent with itemized figures because of rounding.
n/c Not comparable
* Estimated
— Indicates change of less than 1 per cent

SOURCE: M.M. CHAMBERS

Spending by States and Territories for Student Aid in 1981-82

	Number of awards			Dollars paid out			Average award		1981-82* amount per capita
	1980-81	1981-82*	Change	1980-81	1981-82*	Change	1980-81	1981-82*	
Alabama									
Student assistance	5,085	1,342	-73.6%	$1,427,000	$403,000	-71.8%	$ 281	$ 300	$ 0.11
Alaska									
Educational incentive grants	280	360	+28.6%	312,000	339,000	+8.7%	1,114	942	0.85
Arizona									
Incentive grants	2,494	3,325	+33.3%	1,639,000	2,483,000	+51.5%	657	747	0.91
Arkansas									
State scholarships	8,787	9,571	+12.3%	2,046,000	2,732,000	+33.5%	233	277	1.20
California									
State grants	62,597	61,909		84,783,000	87,088,000				
Bilingual teacher development	296	724		745,000	1,932,000				
Law enforcement personnel dependents	9	8		12,000	15,000				
All **California** programs	62,902	62,641	-0.4%	85,540,000	89,035,000	+4.1%	1,360	1,421	3.76
Colorado									
Student incentive grants	3,200	not available		2,134,000	2,097,000				
Student grants	14,000	not available		4,230,000	5,193,000				
All **Colorado** programs	17,200	not available		6,364,000	7,290,000	+14.6%	370	424	2.52
Connecticut									
State scholarships	3,344	3,245		2,739,000	2,713,000				
Private college student contracts	4,906	4,927		4,450,000	4,435,000				
All **Connecticut** programs	8,250	8,172	-0.9%	7,189,000	7,148,000	-0.6%	871	875	2.30
Delaware									
Postsecondary scholarships	633	674	+6.5%	453,000	457,000	+0.9%	716	678	0.77
District of Columbia									
Incentive grants	719	850	+18.2%	789,000	1,118,000	+41.7%	1,097	1,315	1.75
Florida									
Student assistance grants	12,821	14,000	+9.2%	11,527,000	12,302,000	+6.7%	899	879	1.26
Georgia									
Incentive grants	12,778	12,000	-6.1%	3,569,000	3,750,000	+5.1%	279	313	0.69
Hawaii									
Incentive grants	1,985	1,900	-4.3%	516,000	736,000	+42.6%	260	387	0.76
Idaho									
Incentive grants	885	890	+0.6%	512,000	514,000	+0.4%	579	578	0.55
Illinois									
Monetary awards	89,216	95,000	+6.5%	85,573,000	91,696,000	+7.2%	959	965	8.03
Indiana									
State scholarships	12,485	12,676		12,789,000	6,927,000				
Educational grants	12,241	19,655		6,587,000	10,106,000				
Freedom-of-choice grants	6,927	8,157		3,879,000	4,255,000				
All **Indiana** programs	31,653	40,488	+27.9%	23,255,000	21,288,000	-8.5%	735	526	3.88
Iowa									
Scholarships	1,282	1,220		684,000	668,000				
Tuition grants	9,585	9,650		14,015,000	14,133,000				
Vocational-technical tuition grants	2,750	2,850		825,000	859,000				
All **Iowa** programs	13,597	13,720	+0.9%	15,544,000	15,660,000	+0.7%	1,143	1,141	5.38
Kansas									
Scholarships	1,800	1,800		900,000	900,000				
Tuition grants	3,600	3,650		4,200,000	4,200,000				
All **Kansas** programs	5,400	5,450	+0.9%	5,100,000	5,100,000	0.0%	944	936	2.16
Kentucky									
State grants	4,158	3,937		3,246,000	3,307,000				
Incentive grants	13,197	11,775		3,381,000	3,273,000				
All **Kentucky** programs	17,355	15,712	-9.5%	6,627,000	6,580,000	-0.7%	382	419	1.80
Louisiana									
Incentive grants	2,163	3,974	+83.7%	1,062,000	2,186,000	+105.8%	491	550	0.52
Maine									
Incentive grants	4,309	800	-81.4%	1,179,000	400,000	-66.1%	274	500	0.36
Maryland									
General state scholarships	5,138	5,000		3,044,000	3,100,000				
Senatorial grants	7,069	6,930		2,598,000	2,673,000				
Proprietary school grants	177	200		99,000	100,000				
All **Maryland** programs	12,384	12,130	-2.1%	5,741,000	5,973,000	+2.3%	464	484	1.39

	Number of awards			Dollars paid out			Average award		1981-82 * amount per capita
	1980-81	1981-82 *	Change	1980-81	1981-82 *	Change	1980-81	1981-82 *	
Massachusetts									
General scholarships	28,000	27,000	- 3.6%	16,365,000	16,500,000	+ 0.8%	584	611	2.88
Michigan									
Competitive scholarships	21,520	19,526		15,620,000	16,700,000				
Tuition grants	10,808	11,041		12,201,000	14,072,000				
All **Michigan** programs	32,328	30,567	- 5.4%	27,821,000	30,772,000	+ 10.6%	861	1,007	3.32
Minnesota									
Scholarships and grants	38,254	51,000	+ 33.3%	26,500,000	32,000,000	+ 20.8%	693	627	7.85
Mississippi									
Incentive grants	1,953	2,000	+ 2.4%	1,302,000	1,299,000	- 0.2%	667	650	0.52
Missouri									
Student grants	14,057	13,420	- 4.5%	9,817,000	9,178,000	- 6.5%	698	684	1.87
Montana									
Incentive grants	824	900	+ 9.2%	353,000	389,000	+ 10.2%	428	432	0.49
Nebraska									
Incentive grants	2,152	2,150	- 0.1%	1,196,000	1,101,000	- 7.9%	556	512	0.71
Nevada									
Incentive grants	441	450	2.0%	287,000	150,000	- 47.7%	651	333	0.19
New Hampshire									
Incentive grants	1,523	not available		548,000	535,000				
Nursing education grants	107	100		47,000	40,000				
All **New Hampshire** programs	1,630	1,623	- 0.4%	595,000	575,000	- 3.4%	365	354	0.62
New Jersey									
Tuition aid	48,600	53,500		529,633,000	$34,417,000				
Garden State scholarships	7,295	7,696		3,439,000	3,599,000				
Educational opportunity grants	11,255	11,503		8,207,000	6,133,000				
Competitive scholarships and incentive grants	3,400	900		2,370,000	635,000				
All **New Jersey** programs	70,550	73,599	+ 4.3%	43,649,000	44,784,000	+ 2.6%	619	608	6.08
New Mexico									
Incentive grants	1,500	1,500	0.0%	720,000	720,000	0.0%	480	480	0.55
New York									
Tuition assistance	297,393	329,000		245,507,000	276,450,000				
Regents scholarships **	60,619	65,445		15,155,000	16,361,000				
All **New York** programs	358,012	394,445	+ 10.2%	260,662,000	292,811,000	+ 12.3%	728	742	16.68
North Carolina									
Incentive grants	5,832	4,904		3,376,000	3,299,000				
Legislative tuition grants **	25,578	23,400		12,677,000	14,040,000				
Brooks Foundation scholarships	45	52		44,000	57,000				
Turrentine Foundation scholarships	276	282		274,000	310,000				
Suther scholarship fund	0	16		0	18,000				
All **North Carolina** programs	31,731	28,654	- 9.7%	16,371,000	17,724,000	+ 8.3%	516	619	3.02
North Dakota									
Tuition assistance grants	210	428		106,000	204,000				
Student assistance	1,263	1,200		479,000	498,000				
All **North Dakota** programs	1,473	1,628	+ 10.5%	585,000	702,000	+ 20.0%	397	431	1.08
Ohio									
Instructional grants	58,657	68,011	+ 15.9%	27,402,000	40,812,000	+ 48.9%	467	600	3.78
Oklahoma									
Incentive grants	8,454	8,500	+ 0.5%	2,041,000	2,067,000	+ 1.3%	241	243	0.68
Oregon									
Need grants	12,611	14,300		5,814,000	7,205,000				
Cash awards	824	866		388,000	443,000				
Private scholarships	139	122		113,000	115,000				
Foreign student fee remission	213	154		345,000	252,000				
All **Oregon** programs	13,786	15,442	+ 12.0%	6,660,000	8,015,000	+ 20.3%	483	519	3.04
Pennsylvania									
Higher education grants	121,712	131,255	+ 7.8%	79,879,000	82,226,000	+ 2.9%	656	626	6.93
Rhode Island									
Scholarships and grants	6,459	9,000	+ 39.3%	4,616,000	6,500,000	+ 40.8%	715	722	6.86
South Carolina									
Tuition grants	8,461	8,000	- 5.4%	11,069,000	13,388,000	+ 21.0%	1,308	1,674	4.29
South Dakota									
Incentive grants	682	470	- 31.1%	427,000	431,000	+ 0.9%	626	917	0.62
Tennessee									
Student assistance awards	9,001	8,500	- 5.6%	6,475,000	7,169,000	+ 10.7%	719	843	1.56
Texas									
Tuition equalization grants	16,905	17,480		11,892,000	15,698,000				
Public education grants	4,952	6,000		1,089,000	3,264,000				
All **Texas** programs	21,857	23,480	+ 7.4%	12,981,000	18,962,000	+ 46.1%	594	808	1.33

state support

	Number of awards			Dollars paid out			Average award		1981-82 * amount per capita
	1980-81	1981-82 *	Change	1980-81	1981-82 *	Change	1980-81	1981-82 *	
Utah									
Incentive grants	3,000	not available		1,504,000	not available		505	not available	1.03
Vermont									
Incentive grants	5,600	7,840	+ 18.8%	4,875,000	5,537,000	+ 13.6%	739	706	10.83
Virginia									
Scholarship assistance	15,451	20,000		3,829,000	3,800,000				
Tuition assistance grants **	12,271	12,200		7,225,000	8,540,000				
All **Virginia** programs	27,722	32,200	+ 16.2%	11,054,000	12,340,000	+ 11.6%	399	383	2.30
Washington									
Need grants	9,380	13,134	+ 40.0%	4,677,000	7,768,000	+ 66.1%	499	591	1.88
West Virginia									
Higher education grants	5,104	6,500	+ 27.4%	3,012,000	4,422,000	+ 46.8%	590	730	2.27
Wisconsin									
Tuition grants	8,380	7,900		10,033,000	10,783,000				
Higher education grants	30,848	35,000		10,526,000	11,400,000				
Indian student grants	1,004	1,078		838,000	882,000				
All **Wisconsin** programs	40,232	43,978	+ 9.3%	21,397,000	23,065,000	+ 7.8%	532	524	4.90
Wyoming									
Incentive grants	56	250	+ 346.4%	52,000	100,000	+ 92.3%	929	400	0.21
American Samoa									
Scholarships	162	162	0.0%	719,000	719,000	0.0%	4,438	4,438	—
Guam									
Professional technical awards	60	not available		235,000	not available		3,917	not available	—
Northern Marianas									
Grants	360	not available		500,000	not available		1,389	not available	—
Puerto Rico									
Incentive grants	1,940	not available		1,458,000	not available		752	not available	—
Trust Territory									
Scholarships and grants	1,000	not available		505,000	not available		505	not available	—
Virgin Island									
Territorial grants	47	not available		80,000	not available				
Incentive grants	19	not available		24,000	not available				
All **Virgin Islands** programs	66	not available		104,000	not available		1,576	1,576	—
All need-based programs	1,140,084	1,231,538	+ 8.0%	**$838,772,000**	**$924,681,000**	**+ 10.3%**	**$735**	**$751**	**$4.08**
Other programs	98,468	101,045		35,057,000	38,941,000				
All programs	1,238,552	1,332,583	+ 7.6%	**$873,829,000**	**$963,622,000**	**+ 10.3%**	**$705**	**$723**	**$4.25**

* Estimated

**Program not based upon need. Appears here because it was included in last year's report

SOURCE: NATIONAL ASSOCIATION OF STATE SCHOLARSHIP AND GRANT PROGRAMS

School Finances: How States Ranked in 1981 Survey

States	Estimated Population Age 5-17 July 1, 1979 (in thousands)	Estimated Average Salaries of Public School Teachers, 1980-81	Percent Increase in Average Salaries of Public School Teachers 1970-71 to 1980-81	State and Local Tax Collections in 1978-79, as Percent of of Personal Income 1979	State and Local Revenue for Public Schools in 1979-80 as Percent of Personal Income	Estimated Percent of Revenue for Public Schools from Local Governments, 1980-81	Estimated Percent of Revenue for Public Schools from State Governments, 1980-81	Estimated Percent of Revenue for Public Schools from the Federal Governments, 1980-81	Estimated Current Expenditures for Public Schools per Pupil in Average Daily Attendance 1980-81
Alabama	841	15,150	105.40	8.95	3.81	17.85	70.11	12.04	1,593
Alaska	103	29,078	114.28	22.69	8.20	17.28	69.64	13.07	5,220
Arizona	538	17,200	85.32	11.92	4.79	47.35	40.64	12.02	2,444
Arkansas	471	13,270	103.37	9.57	4.18	31.40	54.05	14.55	1,609
California	4,583	19,836	79.97	10.53	3.68	14.07	75.38	10.55	2,513
Colorado	583	17,408	102.09	10.66	5.04	52.92	40.98	6.09	2,348
Connecticut	645	17,370	72.34	10.00	4.29	59.81	34.43	5.76	2,934
Delaware	125	17,243	77.31	11.11	4.89	21.47	65.98	12.55	3,142
District of Columbia	129	22,880	115.73	12.64	n/a	87.97	n/a	12.03	3,785
Florida	1,660	15,564	76.92	9.02	3.83	33.33	57.97	8.70	2,237
Georgia	1,160	15,444	106.08	9.84	4.33	31.80	55.29	12.90	1,901
Hawaii	196	22,558	109.61	13.08	4.34	2.59	84.14	12.28	2,575
Idaho	203	15,110	114.05	10.14	4.83	30.06	61.49	8.43	1,780
Illinois	2,426	19,410	89.38	10.19	4.02	49.54	40.75	9.71	2,803
Indiana	1,201	18,054	91.51	8.74	4.19	34.84	59.68	5.48	2,031
Iowa	619	16,150	77.41	10.19	4.88	49.54	43.09	7.37	2,593
Kansas	475	15,059	87.44	9.51	4.42	47.64	45.56	6.80	2,693
Kentucky	770	15,580	116.48	9.98	4.09	17.86	70.46	11.68	1,996
Louisiana	952	14,960	80.11	10.64	4.09	29.85	55.22	14.93	1,972
Maine	241	13,732	68.97	11.34	5.11	42.10	48.85	9.06	2,138
Maryland	893	19,270	90.96	11.30	4.74	52.71	39.71	7.58	2,846
Massachusetts	1,193	18,712	94.65	13.23	5.41	54.33	38.67	7.00	3,186
Michigan	2,086	21,213	93.51	11.16	5.26	56.17	35.82	8.01	2,958
Minnesota	883	18,062	84.72	12.37	5.58	38.91	54.73	6.35	2,745
Mississippi	591	13,000	116.52	10.30	3.95	22.82	53.09	24.09	1,771
Missouri	1,009	15,187	85.55	8.80	3.94	52.95	36.93	10.12	2,101
Montana	173	15,400	88.43	11.72	5.75	42.68	48.29	9.02	2,550
Nebraska	333	14,870	83.13	10.31	4.07	67.69	24.41	7.90	2,353
Nevada	152	17,107	79.11	10.71	3.38	40.46	51.72	7.82	2,059
New Jersey	1,548	18,300	82.54	10.95	4.97	56.94	39.43	3.63	3,325
New Hampshire	193	12,948	55.79	8.65	4.35	88.74	6.69	4.57	1,882
New Mexico	294	15,721	93.80	10.97	5.57	18.89	67.66	13.45	2,153
New York	3,663	20,400	84.88	15.04	5.24	53.08	41.99	4.94	3,467
North Carolina	1,214	15,858	104.04	9.63	4.22	21.21	65.41	13.39	2,030
North Dakota	144	13,864	91.04	9.20	4.22	46.62	45.44	7.94	1,934
Ohio	2,339	16,200	86.72	8.82	3.91	51.21	40.56	8.23	2,143
Oklahoma	594	14,640	91.20	8.85	4.39	29.24	59.27	11.49	2,202
Oregon	509	17,503	94.03	10.69	5.05	54.31	35.96	9.74	2,981
Pennsylvania	2,395	17,690	92.58	10.77	4.83	46.50	45.00	8.50	2,659
Rhode Island	193	19,351	108.05	11.46	4.43	55.39	38.75	5.86	2,919
South Carolina	672	13,970	101.01	9.63	4.48	26.87	58.75	14.38	1,773
South Dakota	150	13,636	84.47	9.93	4.33	60.39	26.97	12.64	1,995
Tennessee	933	15,002	98.70	9.03	3.83	36.61	48.36	15.05	1,825
Texas	2,971	15,150	85.96	8.53	4.45	38.90	50.71	10.39	1,798
Utah	331	16,612	106.41	11.19	5.91	38.43	53.92	7.65	1,777
Vermont	109	13,006	57.36	12.34	5.28	66.84	27.02	6.14	1,969
Virginia	1,097	14,874	73.32	9.49	4.28	49.56	40.92	9.52	2,115
Washington	815	20,702	109.11	10.37	4.39	16.55	74.89	8.56	2,737
West Virginia	397	14,660	92.24	10.49	4.82	27.57	61.18	11.25	2,026
Wisconsin	1,027	16,748	73.73	12.04	5.04	56.97	36.77	6.26	2,686
Wyoming	97	18,718	115.47	13.01	5.26	64.74	2860	6.66	2,437

SOURCE: NATIONAL EDUCATION ASSOCIATION

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Analysis of State Funds for Higher Education

Annual Appropriations

	1981-82 Appropriations (a)		Appropriations per capita (b)		Approp. per $1,000 of personal income (c)		2-year change (d)		10-year change (e)		2-yr. change less inflation (f)		10-yr. change less inflation (g)	
	Amount	Rank	Amount	Rank	Amount	Rank	Per cent	Rank	Per cent	Rank	Per cent	Rank	Per cent	Rank
Alabama	$ 417,757,000	18	$107.39	22	$14.31	10	+11%	44	+291%	6	[9]12%	44	+ 75%	6
Alaska	122,439	39	305.73	1	23.84	1	+69%	1	+528%	1	+35%	1	+181%	1
Arizona	306,801,000	27	112.88	19	12.81	14	+32%	11	+215%	22	+ 5%	11	+ 41%	22
Arkansas	183,980,000	35	80.50	40	11.05	28	+ 8%	46	+253%	14	[9]13%	46	+ 58%	14
California	3,328,706,000	1	140.64	5	12.82	13	+18%	27	+290%	7	[9] 6%	27	+ 75%	7
Colorado	305,791,000	28	105.85	24	10.53	30	+24%	18	+170%	34	[9] 1%	18	+ 21%	34
Connecticut	259,971,000	31	83.66	37	7.12	46	+15%	34	+133%	45	[9] 8%	34	+ 4%	45
Delaware	72,125,000	45	121.17	10	11.69	25	+35%	9	+212%	25	+ 8%	9	+ 40%	25
Florida	802,316,000	7	82.37	39	9.05	38	+23%	19	+224%	20	[9] 2%	19	+ 45%	20
Georgia	498,919,000	13	91.31	33	11.28	27	+30%	13	+206%	26	+ 3%	13	+ 37%	26
Hawaii	154,755,000	38	160.37	4	15.83	8	+30%	12	+159%	36	+ 4%	12	+ 16%	36
Idaho	95,100,000	41	100.75	27	12.47	20	+12%	41	+178%	30	[9]11%	41	+ 25%	30
Illinois	996,810,000	4	87.30	36	8.28	41	+13%	38	+110%	50	[9]10%	38	[9] 6%	50
Indiana	482,494,000	15	87.88	35	9.81	34	+17%	28	+140%	40	[9] 6%	28	+ 7%	40
Iowa	341,938,000	25	117.37	16	12.51	19	+13%	37	+185%	27	[9]10%	37	+ 28%	27
Kansas	278,662,000	30	117.92	15	11.78	23	+17%	29	+231%	16	[9] 7%	30	+ 48%	16
Kentucky	355,291,000	23	97.04	29	12.72	16	+18%	26	+227%	18	[9] 5%	26	+ 46%	18
Louisiana	454,754,000	17	108.17	20	12.76	15	+38%	7	+225%	19	+10%	7	+ 45%	19
Maine	66,871,000	46	59.46	49	7.48	44	+17%	30	+118%	48	[9] 7%	29	[9] 3%	48
Maryland	385,949,000	19	91.53	32	8.73	39	+19%	24	+172%	33	[9] 5%	24	+ 22%	33
Massachusetts (est.)	364,500,000	20	63.53	47	6.26	48	+16%	32	+180%	29	[9] 8%	32	+ 25%	29
Michigan	848,532,000	5	91.65	31	9.19	37	+ 5%	48	+124%	47	[9]16%	48	0%	47
Minnesota (estimated)	515,000,000	12	126.31	8	12.96	12	+12%	42	+213%	23	[9]11%	42	+ 40%	24
Mississippi	300,524,000	29	119.23	13	18.08	3	+29%	14	+257%	11	+ 3%	14	+ 60%	11
Missouri	352,770,000	24	71.74	43	7.97	42	+12%	40	+137%	43	[9]11%	40	+ 6%	43
Montana	83,693,000	43	106.39	23	12.43	21	+38%	6	+173%	32	+10%	6	+ 22%	32
Nebraska	187,190,000	34	119.23	12	12.70	17	+24%	17	+261%	10	[9] 1%	17	+ 61%	10
Nevada	65,851,000	47	82.40	38	7.66	43	+16%	33	+253%	13	[9] 8%	33	+ 58%	13
New Hampshire	39,323,000	49	42.71	50	4.67	50	+32%	10	+217%	21	+ 5%	10	+ 42%	21
New Jersey	464,787,000	16	63.11	48	5.76	49	+16%	31	+152%	37	[9] 7%	31	+ 13%	37
New Mexico	171,576,000	37	131.98	7	16.79	4	+36%	8	+279%	8	+ 9%	8	+ 70%	8
New York	1,855,429,000	3	105.68	25	10.27	32	+20%	22	+131%	46	[9] 4%	22	+ 3%	46
North Carolina	736,882,000	8	125.44	9	16.00	6	+27%	15	+230%	17	+ 1%	15	+ 48%	17
North Dakota	108,538,000	40	166.29	3	18.97	2	+43%	4	+302%	5	+14%	4	+ 80%	5
Ohio (estimated)	698,350,000	9	64.68	46	6.82	47	+ 4%	50	+144%	39	[9]17%	50	+ 9%	39
Oklahoma	325,553,000	26	107.61	21	11.78	24	+42%	5	+310%	4	+14%	5	+ 84%	4
Oregon	252,602,000	32	95.95	30	10.27	31	+10%	45	+145%	38	[9]12%	45	+ 10%	38
Pennsylvania	825,491,000	6	69.56	44	7.36	45	+12%	43	+138%	42	[9]11%	43	+ 6%	42
Rhode Island	85,257,000	42	90.01	34	9.50	36	+19%	25	+180%	28	[9] 5%	25	+ 25%	28
South Carolina	361,171,000	21	115.79	17	15.89	7	+13%	36	+263%	9	[9]10%	36	+ 62%	9
South Dakota	52,143,000	48	75.55	42	9.64	35	+ 5%	49	+139%	41	[9]17%	49	+ 7%	41
Tennessee	357,016,000	22	77.77	41	10.05	33	+12%	39	+213%	24	[9]10%	39	+ 40%	23

	1981-82 Appropriations (a)		Appropriations per capita (b)		Approp. per $1,000 of personal income (c)		2-year change (d)		10-year change (e)		2-yr. change less inflation (f)		10-yr. change less inflation (g)	
	Amount	Rank	Amount	Rank	Amount	Rank	Per cent	Rank	Per cent	Rank	Per cent	Rank	Per cent	Rank
Texas	1,905,008,000	2	133.89	6	13.99	11	+45%	3	+355%	2	+16%	3	+104%	2
Utah	174,139,000	36	113.19	14	15.54	9	+20%	23	+245%	15	[9] 4%	23	+ 55%	15
Vermont	33,876,000	50	66.23	45	8.44	40	+25%	16	+114%	49	0%	16	[9] 4%	49
Virginia	543,961,000	10	101.75	26	10.81	29	+22%	20	+255%	12	[9] 2%	20	+ 59%	12
Washington	497,821,000	14	120.53	11	11.66	26	+ 6%	47	+161%	35	[9]15%	47	+ 17%	35
West Virginia	192,092,000	33	98.53	28	12.60	18	+21%	21	+177%	31	[9] 3%	21	+ 24%	31
Wisconsin	531,953,000	11	113.05	18	12.06	22	+14%	35	+135%	44	[9] 9%	35	+ 5%	44
Wyoming	82,644,000	44	175.53	2	16.04	5	+60%	2	+351%	3	+28%	2	+102%	3
Total	**$22,925,101,000**		**$101.50**		**$10.64**		**+20%**		**+197%**		[9] **4%**		**+ 33%**	

(a)Reported by M.M.Chambers of Illinois State University as state tax funds appropriated for operating expenses and scholarship programs for higher education. Amount of appropriations may be reduced in some states because of shortfall in revenue. Not included are appropriations for capital outlay or sums from other than state taxes. Included are appropriations for operating expenses even if appropriated to some other agency of the state for ultimate allocation to institutions of higher education.

(b)State Appropriations divided by the U.S.Census Bureau's final count for 1980.
(c)State appropriations divided by personal income, in thousands of dollars (1980).
(d)Increase in appropriations over 1979-80.
(e)Increase in appropriations over 1971-72.
(f)Two-year increase in appropriations adjusted for inflation of 25.3% (1979-81).
(g)Ten-year increase in appropriations adjusted for inflation of 123.4% (1971-81).

How the 50 States Rank

1. By public-college enrollment per 1,000 population
2. By percentage of U.S. average tax effort
3. By state and local tax revenue per capita
4. By percentage of revenue spent on higher education
5. By appropriations per full-time student

	1 Enrollment per 1,000 population (a)		2 Per cent of U.S. average tax effort (b)		3 Tax revenue per capita (c)		4 Revenue spent on higher education (d)		5 Appropriations per student (e)	
	Number	Rank	Per cent	Rank	Amount	Rank	Per cent	Rank	Amount	Rank
Alabama	30.8	20	82.8%	35	$ 612.30	50	17.6%	4	$ 3,498	24
Alaska	24.1	40	166.4%	2	3,692.80	1	8.3%	42	12,712	1
Arizona	43.5	1	103.3%	12	978.20	15	14.2%	12	3,193	30
Arkansas	23.4	41	84.4%	32	641.50	47	12.6%	24	3,441	38
California	39.0	3	95.7%	19	1,104.30	7	14.4%	10	4,087	4
Colorado	37.8	5	87.6%	27	968.30	17	11.2%	32	2,874	47
Connecticut	21.7	48	102.3%	13	1,059.20	10	7.9%	44	3,862	6
Delaware	38.7	4	87.4%	28	939.50	20	12.9%	20	3,129	33
Florida	23.0	43	69.0%	48	708.30	43	11.5%	31	3,547	12
Georgia	20.5	49	92.8%	20	750.40	37	12.3%	26	4,492	11
Hawaii	34.4	11	122.9%	4	1,261.20	4	12.7%	23	4,662	10
Idaho	28.2	27	81.0%	36	735.10	40	14.1%	13	3,688	8
Illinois	27.3	30	95.8%	18	1,049.00	11	9.6%	38	3,676	20
Indiana	26.0	34	78.0%	41	738.80	39	11.9%	28	3,377	35
Iowa	28.4	26	90.7%	22	957.60	18	12.2%	27	4,101	26
Kansas	37.2	7	86.1%	30	909.30	23	14.7%	9	3,587	33
Kentucky	24.4	39	80.4%	38	689.60	44	14.1%	14	3,975	19
Louisiana	26.7	31	74.5%	44	808.80	30	13.3%	19	4,017	21
Maine	21.7	46	108.5%	8	845.60	26	7.6%	47	2,948	37
Maryland	30.1	23	106.0%	9	1,024.60	13	9.9%	37	3,383	41
Massachusetts	22.4	44	137.1%	3	1,230.50	5	5.0%	50	2,764	34
Michigan	33.7	12	105.4%	10	1,060.80	9	9.5%	39	2,993	42
Minnesota	29.8	24	105.2%	11	1,079.80	8	11.6%	30	4,194	17
Mississippi	30.3	22	90.9%	21	637.00	48	19.5%	2	4,108	13
Missouri	25.4	38	79.3%	40	742.90	38	10.3%	34	3,008	39
Montana	33.4	13	88.3%	26	984.60	14	11.1%	33	3,257	23
Nebraska	34.8	10	100.4%	16	940.90	19	14.0%	15	3,773	45
Nevada	26.2	33	49.6%	50	812.60	29	10.2%	35	3,154	14
New Hampshire	22.0	45	72.7%	46	688.60	45	6.2%	49	1,943	50
New Jersey	21.7	47	113.3%	6	1,118.10	6	6.2%	48	3,207	28
New Mexico	31.5	17	80.9%	37	845.70	25	16.1%	7	4,320	15
New York	23.3	42	170.8%	1	1,432.50	2	7.8%	45	4,795	3
North Carolina	30.5	21	89.6%	25	725.10	42	17.5%	5	4,156	5
North Dakota	43.0	2	76.0%	43	809.30	31	20.7%	1	3,890	9
Ohio	25.7	36	83.3%	34	797.00	32	8.3%	41	2,572	48

	Enrollment per 1,000 population (a)		Per cent of U.S. average tax effort (b)		Tax revenue per capita (c)		Revenue spent on higher education (d)		Appropriations per student (e)	
	Number	Rank	Per cent	Rank	Amount	Rank	Per cent	Rank	Amount	Rank
Oklahoma	32.0	15	70.0%	47	794.60	33	13.7%	16	3,406	43
Oregon	36.1	9	90.1%	23	933.10	21	12.9%	21	3,320	32
Ohio	25.7	36	83.3%	34	797.00	32	8.3%	41	2,572	48
Oklahoma	32.0	15	70.0%	47	794.60	33	13.7%	16	3,406	43
Oregon	36.1	9	90.1%	23	933.10	21	12.9%	21	3,320	32
Pennsylvania	19.1	50	101.7%	14	912.60	22	7.6%	46	3,613	22
Rhode Island	26.1	35	119.1%	5	975.20	16	9.2%	40	3,458	25
South Carolina	27.8	29	89.9%	24	682.80	46	16.7%	6	4,112	16
South Dakota	29.7	25	83.6%	33	758.40	36	10.0%	36	2,545	46
Tennessee	25.4	37	80.0%	39	631.60	49	12.3%	25	3,059	44
Texas	31.7	16	62.4%	49	763.00	35	18.1%	3	4,354	7
Utah	33.0	14	96.4%	17	827.30	28	14.4%	11	3,609	40
Vermont	27.8	28	101.1%	15	838.00	27	8.0%	43	2,403	49
Virginia	31.4	18	85.5%	31	792.90	34	12.8%	22	3,237	27
Washington	36.4	8	86.9%	29	891.60	24	13.5%	18	3,308	29
West Virginia	26.3	32	76.2%	42	728.90	41	13.5%	17	3,742	18
Wisconsin	37.4	6	110.7%	7	1,048.20	12	11.8%	29	3,314	31
Wyoming	30.9	19	74.0%	45	1,387.90	3	14.7%	8	6,608	2
U.S. average	**29.0**		**100.0%**		**$ 986.50**		**10.8%**		**$3,682**	

(a) Number of full-time-equivalent students enrolled in public colleges and universities per 1,000 population in the fall of 1980.
(b) State and local tax revenue in 1980 as a percentage of the revenue that would be collected if the state's wealth were taxed at national average rates.
(c) State and local tax revenue per capita in 1980.
(d) Per cent of total state and local tax revenue appropriated for current operating expenses of public higher education in 1981-82. Appropriations data from M.M.Chambers, Illinois State University.
(e) Appropriations of state and local tax revenue for current operating expenses of public higher education per full-time-equivalent student in 1981-82.

1. By high-school graduates per 1,000 population
2. By students in public colleges per 1980 high-school graduate
3. By estimated tuition per public-college student
4. By tuition per $100 of appropriations for higher education

	1 High-school graduates per 1,000 population (a)		2 Public-college enrollment per high-school graduate (b)		3 Tuition per public-college student (c)		4 Public-college tuition per $100 appropriation (d)	
	Number	Rank	Number	Rank	Amount	Rank	Amount	Rank
Alabama	16.1	27	1.91	19	$ 945	26	$27	23
Alaska	19.9	2	1.21	49	1,525	6	12	48
Arizona	14.9	45	2.92	2	958	24	30	17
Arkansas	16.0	32	1.46	40	757	40	22	34
California	12.3	50	3.17	1	409	50	10	50
Colorado	16.3	25	2.32	5	1,667	5	58	5
Connecticut	17.0	17	1.27	45	850	35	22	35
Delaware	19.2	4	2.02	14	1,909	4	61	4

state support

	1 High-school graduates per 1,000 population (a)		2 Public-college enrollment per high-school graduate (b)		3 Tuition per public-college student (c)		4 Public-college tuition per $100 appropriation (d)	
	Number	Rank	Number	Rank	Amount	Rank	Amount	Rank
Florida	13.2	49	1.74	27	816	37	23	32
Georgia	15.3	44	1.34	43	988	21	22	37
Hawaii	15.9	35	2.16	9	559	47	12	49
Idaho	15.6	37	1.81	22	553	48	15	47
Illinois	15.4	41	1.77	25	882	32	24	29
Indiana	16.4	23	1.59	32	1,351	10	40	10
Iowa	18.3	10	1.55	37	1,066	17	26	25
Kansas	17.0	16	2.18	8	897	30	25	27
Kentucky	16.6	21	1.47	39	835	36	21	38
Louisiana	16.0	34	1.67	29	924	28	23	31
Maine	17.8	12	1.22	48	1,415	9	48	7
Maryland	16.7	20	1.80	23	1,454	7	43	9
Massachusetts	17.0	18	1.32	44	525	49	19	41
Michigan	16.5	22	2.04	11	1,287	11	43	8
Minnesota	19.0	6	1.57	34	1,258	13	30	19
Mississippi	15.3	43	1.98	16	1,068	16	26	26
Missouri	16.2	26	1.56	36	812	38	27	21
Montana	19.6	3	1.71	28	879	33	27	22
Nebraska	18.6	8	1.87	21	981	22	26	24
Nevada	13.6	48	1.93	18	725	41	23	33
New Hampshire	17.5	13	1.26	46	2,020	3	104	2
New Jersey	17.2	15	1.26	47	1,090	15	34	13
New Mexico	20.2	1	1.56	35	950	25	22	36
New York	16.1	28	1.45	42	1,438	8	30	18
North Carolina	15.4	40	1.98	15	665	44	16	44
North Dakota	18.2	11	2.36	4	934	27	24	30
Ohio	16.0	29	1.60	31	1,286	12	50	6
Oklahoma	15.4	42	2.08	10	715	42	21	39
Oregon	16.0	33	2.26	7	1,029	18	31	14
Pennsylvania	16.9	19	1.13	50	2,276	2	63	3
Rhode Island	17.3	14	1.51	38	1,245	14	36	11
South Carolina	15.6	36	1.78	24	781	39	19	42
South Dakota	18.9	7	1.57	33	891	31	35	12
Tennessee	14.4	46	1.77	26	856	34	28	20
Texas	16.0	30	1.98	17	697	43	16	45
Utah	14.3	47	2.31	6	902	29	25	28
Vermont	19.0	5	1.46	41	3,893	1	162	1
Virginia	15.5	38	2.03	12	971	23	30	16
Washington	15.4	39	2.36	3	629	46	19	40
West Virginia	16.0	31	1.64	30	636	45	17	43
Wisconsin	18.4	9	2.03	13	994	19	30	15
Wyoming	16.4	24	1.89	20	991	20	15	46
Total U. S.	**15.7**		**1.84**		**$ 957**		**$26**	

(a) Number of high-school graduates in spring, 1980, per 1,000 population.

(b) Enrollment of full-time-equivalent students in public colleges and universities, fall, 1980, divided by number of high-school graduates in spring, 1980.

(c) Estimated tuition revenue of public colleges and universities per full-time-equivalent student in 1981-82, based on 1979-80 ratio of tuition to appropriations applied to 1981-82 appropriations.

(d) Estimated tuition revenue of public colleges and universities per $100 of state and local appropriations for public higher education based on 1979-80 ratio.

1. By relative cost of higher-education systems
2. By appropriations per student
3. By appropriations per student, adjusted for system costs
4. By 2-year change in appropriations per student, adjusted for inflation

	1		2		3		4	
	System cost		1981-82 state and local appropriations per student (b)		Adjusted for system cost (c)		2-year change adjusted for inflation (d)	
	Index (a)	Rank	Amount	Rank	Amount	Rank	Per cent	Rank
Alabama	100.6	28	$ 3,205	36	$ 3,186	31	− 7%	33
Alaska	77.5	50	12,712	1	16,403	1	+75%	1
Arizona	96.6	34	3,193	37	3,305	27	− 5%	26
Arkansas	112.1	8	3,441	26	3,070	35	− 7%	33
California	85.2	48	4,087	11	4,797	4	− 1%	19
Colorado	111.3	12	2,874	44	2,582	47	0%	17
Connecticut	91.9	43	3,862	15	4,202	6	+14%	5
Delaware	96.7	33	3,129	39	3,236	30	+ 6%	12
Florida	89.6	45	3,547	24	3,959	12	+ 6%	12
Georgia	112.0	10	4,492	5	4,011	11	+10%	9
Hawaii	116.2	5	4,662	4	4,012	10	+12%	7
Idaho	90.2	44	3,643	20	4,039	8	−15%	44
Illinois	101.4	25	3,676	19	3,625	19	− 6%	28
Indiana	107.5	18	3,377	29	3,141	33	−13%	39
Iowa	120.2	2	4,101	10	3,412	24	−14%	41
Kansas	114.6	6	3,587	23	3,130	34	− 6%	28
Kentucky	107.0	19	3,975	13	3,715	17	− 8%	35
Louisiana	111.0	13	4,017	12	3,619	20	+10%	9
Maine	95.4	38	2,886	43	3,025	38	− 3%	22
Maryland	113.2	7	3,383	28	2,989	39	− 4%	25
Massachusetts	87.0	47	2,764	45	3,177	32	−11%	38
Michigan	101.9	23	2,993	42	2,937	41	−16%	46
Minnesota	112.1	8	3,330	30	2,971	40	−16%	46
Mississippi	104.3	20	3,842	16	3,684	18	+ 4%	16
Missouri	98.4	30	3,008	41	3,057	36	−14%	41
Montana	92.2	42	3,257	33	3,533	22	+ 5%	15
Nebraska	134.7	1	3,773	17	2,801	44	− 6%	28
Nevada	80.7	49	3,154	38	3,908	13	−17%	49
New Hampshire	95.8	37	1,943	50	2,028	50	+ 6%	12
New Jersey	95.2	39	3,207	35	3,369	26	− 3%	22
New Mexico	111.5	11	4,320	7	3,874	14	+11%	8
New York	94.4	41	4,795	3	5,079	3	− 3%	22
North Carolina	94.5	40	4,156	8	4,398	5	− 1%	19
North Dakota	96.4	35	3,890	14	4,035	9	+20%	3
Ohio	108.8	16	2,745	46	2,523	48	−14%	41
Oklahoma	116.5	4	3,406	27	2,924	42	+18%	4
Oregon	102.5	22	3,320	31	3,239	29	−15%	44
Pennsylvania	100.8	26	3,613	21	3,584	21	−10%	36
Rhode Island	100.1	29	3,458	25	3,455	23	− 5%	26
South Carolina	109.8	14	4,112	9	3,745	15	− 6%	28

	1		2		3		4	
	System cost		1981-82 state and local appropriations per student (b)		Adjusted for system cost (c)		2-year change adjusted for inflation (d)	
	Index (a)	Rank	Amount	Rank	Amount	Rank	Per cent	Rank
South Dakota	98.1	32	2,545	48	2,594	46	−16%	46
Tennessee	108.7	17	3,059	40	2,814	43	0%	17
Texas	104.3	20	4,354	6	4,174	7	+13%	6
Utah	119.0	3	3,609	22	3,033	37	−10%	36
Vermont	109.0	15	2,403	49	2,205	49	+10%	9
Virginia	95.9	36	3,237	34	3,375	25	− 6%	28
Washington	98.2	31	2,710	47	2,760	45	−24%	50
West Virginia	100.7	27	3,742	18	3,716	16	− 2%	21
Wisconsin	101.7	24	3,314	32	3,259	28	−13%	39
Wyoming	87.5	46	6,608	2	7,552	2	+28%	2
U. S. average	100		$ 3,646		$ 3,646		− 4%	

SOURCE: NATIONAL INSTITUTE OF EDUCATION

Notes

Note: The amounts and rankings shown for appropriations per student correct those published in *The Chronicle*, February 10.

(a) Based on national average appropriations for support of each of 10 different types of higher-education institution, applied to each state's distribution of total public enrollment among the 10 types. The index is intended to reflect variations in financial requirements of research universities, for example, and community colleges. Computed by the National Center for Higher Education Management Systems from financial and enrollment data from the National Center for Education Statistics.

(b) Appropriations for 1981-82 divided by full-time-equivalent enrollment for fall, 1980. Enrollment data are from the National Center for Education Statistics; state appropriations data from M. M. Chambers, Illinois State University; local appropriations data from the Council for Postsecondary Education, State of Washington.

(c) State and local appropriations per student adjusted for system costs (Column 2 divided by Column 1).

(d) Change in appropriations per student from 1979-80 to 1981-82, adjusted for inflation, estimated at 20-per-cent for the two-year period.

How State Leaders View the Future of Higher Education

	Governors	Legislators	Educators
Expect higher-education appropriations to lag behind inflation in the next three years	70.8%	72.8%	69.2%
Anticipated result of lag in appropriations:			
Program cutbacks	61.8%	62.7%	77.8%
Enrollment limits	50.0%	30.5%	44.4%
Hiring freeze	44.1%	33.9%	50.0%
Deferred maintenance	64.7%	59.3%	88.9%
Reduction in staff	61.8%	67.8%	80.6%
Increase in tuition	85.3%	93.2%	100.0%
Reduced capital spending	61.8%	67.8%	75.0%
Other	8.8%	8.5%	33.3%
Expected state response to reductions in federal student aid:			
Increases in state grants	14.9%	16.3%	30.8%
Increases in institutional support	8.5%	13.8%	9.6%
Increases in contributions expected from students' families	51.1%	68.8%	76.9%
New state loan programs	8.5%	11.3%	17.3%
Expansion of existing state loan programs	25.5%	37.5%	32.7%
Other action	12.8%	5.0%	9.6%
No action	38.3%	18.0%	23.1%
Expected enrollment trends in next three years:			
Increase	14.7%	24.1%	2.6%
Decrease	23.5%	22.2%	12.8%
Expected to vary by type of institution	61.8%	53.7%	84.6%
Community colleges			
Increase	89.5%	84.6%	67.7%
Decrease	0.0%	3.8%	9.7%
State colleges			
Increase	11.8%	29.2%	11.1%
Decrease	64.7%	45.8%	77.8%
State universities			
Increase	14.3%	29.6%	12.9%
Decrease	38.1%	22.2%	9.7%
Independent colleges			
Increase	0.0%	11.5%	6.9%
Decrease	83.3%	65.4%	55.2%
Proprietary institutions			
Increase	29.4%	22.7%	27.3%
Decrease	35.3%	22.7%	18.2%
Enrollment not expected to be an issue	25.5%	22.5%	21.2%
Closings, mergers, or sharing of resources expected to be an issue	72.3%	65.0%	78.0%
Preferred priority:			
Sharing institutional resources	73.3%	72.0%	78.1%
Mergers	10.0%	20.0%	18.8%
Closings	16.7%	8.0%	3.1%
Changes in quality of higher-education system:			
In the past five years:			
Improved	45.7%	43.6%	42.3%
Stayed the same	43.5%	44.9%	34.6%
Declined	10.9%	11.5%	23.1%
In the next five years, quality should be:			
Improved	59.6%	79.8%	84.6%
Maintained	40.4%	20.3%	15.4%
Reduced	0.0%	0.0%	0.0%

SOURCE: EDUCATION COMMISSION OF THE STATES

As the Deskbook goes to press, the federal budget is still in a state of flux. We are therefore unable to publish, as we have in the past, a summary of budget lines concerning education. A few tables of some interest are included here to suggest some possible effects of the next budget.

Federal Support

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Effect of Reagan Budget on Urban Schools

Cities	FY 1981	FY 82 Continuing Resolution	FY 82 Revised	Loss
Atlanta	$28,814,779	$28,207,633	$24,380,893	$4,433,886
Baltimore	43,716,970	40,676,257	35,673,612	8,043,358
Boston	24,155,511	23,240,695	19,554,410	4,601,101
Buffalo	27,350,925	18,617,857	15,987,305	11,363,620
Chicago	165,303,930	151,661,149	134,775,190	30,528,740
Cleveland	37,250,436	28,347,347	25,679,692	11,570,746
Dade County	66,373,099	65,009,299	51,803,847	14,569,252
Dallas	31,764,549	29,172,846	25,755,285	6,009,264
Denver	16,155,923	15,439,739	13,246,906	2,909,017
Detroit	67,872,763	60,523,676	53,109,084	14,763,679
Long Beach	13,224,291	12,291,715	10,585,119	2,639,172
Los Angeles	155,815,330	143,730,240	127,395,770	28,419,560
Memphis	32,111,225	30,168,264	26,532,648	5,578,577
Milwaukee	30,739,359	22,414,323	19,609,734	11,129,625
Minneapolis	11,535,207	9,699,188	8,286,945	3,248,262
Nashville	13,285,120	12,113,448	10,124,193	3,160,927
New Orleans	28,911,242	27,502,597	24,142,709	4,768,533
New York City	335,607,000	314,320,000	273,515,000	62,092,000
Norfolk	13,257,203	12,712,401	10,176,241	3,080,962
Oakland	18,569,377	17,110,416	14,360,074	4,209,303
Philadelphia	90,193,801	77,873,898	68,214,052	21,979,749
Pittsburgh	22,266,605	18,650,587	16,287,437	5,979,168
Portland	11,737,725	10,019,882	9,157,179	2,580,546
St. Louis	30,483,014	23,958,144	21,060,147	9,422,867
San Francisco	21,195,029	17,783,470	15,727,745	5,467,284
Seattle	13,779,254	9,287,659	8,098,373	5,680,881
Toledo	10,506,837	9,740,006	8,560,150	1,946,687
Washington, D. C.	38,886,176	36,062,133	31,845,545	7,040,608

SOURCE: COUNCIL OF THE GREAT CITY SCHOOLS

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Predicted Impact of Cuts in Student Financial Aid

	Basic Grant Recipients		Campus-based Recipients	
	Academic Year 1980-81[1]	Reagan Proposal Academic Year 1983-84[2]	Academic Year 1980-81[2]	Reagan Proposal Academic Year 1983-84[2]
Alabama	62,560	35,659	34,312	13,736
Alaska	1,649	940	2,316	810
Arizona	35,324	20,135	23,130	6,751
Arkansas	30,736	17,520	15,938	6,417
California	219,115	124,896	182,470	58,394
Colorado	30,717	17,509	24,014	7,723
Connecticut	22,393	12,764	24,394	7,957
Delaware	6,126	3,492	5,103	1,707
Florida	106,107	60,481	55,364	19,974
Georgia	49,469	28,197	34,548	13,887
Hawaii	5,348	3,048	6,133	2,170
Idaho	8,359	4,765	6,865	2,159
Illinois	119,371	68,041	80,729	25,848
Indiana	58,726	33,474	39,162	12,451
Iowa	34,446	19,634	27,125	8,645
Kansas	30,620	17,453	18,452	5,566
Kentucky	47,056	26,822	25,010	9,933
Louisiana	50,280	28,660	30,073	12,020
Maine	14,079	8,025	20,992	5,568
Maryland	42,245	24,080	29,388	10,365
Massachusetts	82,883	47,243	98,302	35,634
Michigan	139,146	79,313	65,768	21,460
Minnesota	58,847	33,543	44,476	15,056
Mississippi	43,866	25,004	26,634	10,996
Missouri	57,546	32,801	38,308	13,346
Montana	10,384	5,919	6,850	2,872
Nebraska	21,517	12,265	13,245	4,090
Nevada	4,242	2,418	2,940	1,097
New Hampshire	10,515	5,994	15,508	4,965
New Jersey	73,135	41,687	40,829	14,629
New Mexico	19,885	11,334	14,052	5,637
New York	320,764	182,835	174,090	63,947
North Carolina	74,236	42,315	46,269	16,807
North Dakota	11,074	6,313	8,456	2,619
Ohio	108,113	61,624	77,294	25,578
Oklahoma	37,803	21,548	22,741	7,562
Oregon	32,652	18,612	32,645	10,404
Pennsylvania	137,778	78,533	103,103	35,400
Rhode Island	17,072	9,731	15,364	5,621
South Carolina	43,174	24,609	24,935	10,179
South Dakota	13,384	7,629	10,477	3,710
Tennessee	61,242	34,908	34,751	12,787
Texas	136,129	77,594	92,692	34,390
Utah	12,627	7,197	10,816	3,484
Vermont	7,725	4,403	14,504	4,682
Virginia	50,992	29,065	36,696	13,682
Washington	39,529	22,532	42,431	14,123
West Virginia	18,499	10,544	14,577	5,142
Wisconsin	55,105	31,410	47,569	14,446
Wyoming	3,115	1,776	2,077	660

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	Basic Grant Expenditures		Campus-based Expenditures	
	Academic Year 1980-81[1]	Reagan Proposal Academic Year 1983-84[2]	Academic Year 1980-81[1]	Reagan Proposal Academic Year 1983-84[2]
Alabama	$50,473,514	$30,284,108	$21,616,603	$8,241,523
Alaska	1,301,356	780,814	1,458,898	486,068
Arizona	27,252,207	16,351,324	14,572,110	4,050,364
Arkansas	24,740,379	14,844,227	10,040,679	3,820,386
California	160,678,227	96,406,940	114,954,780	35,036,195
Colorado	25,555,400	15,333,240	15,128,659	4,633,503
Connecticut	18,832,040	11,299,224	15,368,107	4,773,916
Delaware	5,193,180	3,115,908	3,214,903	1,024,147
Florida	85,351,733	51,211,040	34,879,529	11,984,697
Georgia	43,516,971	26,110,183	21,765,384	8,332,230
Hawaii	4,152,789	2,491,673	3,863,500	1,301,839
Idaho	6,590,584	3,954,350	4,325,094	1,295,240
Illinois	98,646,105	59,187,663	50,859,244	15,508,691
Indiana	48,371,276	29,022,766	24,672,167	7,470,752
Iowa	28,658,538	17,195,123	17,088,921	5,186,742
Kansas	25,027,355	15,016,413	11,624,518	3,939,672
Kentucky	38,648,964	23,189,378	15,756,488	5,959,532
Louisiana	43,268,621	25,961,173	18,945,706	7,212,174
Maine	13,507,301	8,104,381	13,224,773	3,940,946
Maryland	34,541,228	20,724,737	18,514,612	6,218,956
Massachusetts	75,434,782	45,260,869	61,930,476	21,380,287
Michigan	90,781,271	54,468,762	41,433,868	12,875,872
Minnesota	46,916,520	28,149,912	28,019,950	9,033,331
Mississippi	38,429,730	23,057,838	16,779,369	6,597,504
Missouri	45,478,661	27,287,197	24,133,754	8,007,752
Montana	8,146,925	4,888,155	4,315,326	1,723,100
Nebraska	17,283,290	10,369,956	8,344,204	2,453,815
Nevada	3,036,777	1,822,066	1,852,465	658,302
New Hampshire	9,640,658	5,784,395	9,769,786	2,978,889
New Jersey	64,556,686	38,734,012	25,722,487	8,777,588
New Mexico	16,039,031	9,623,419	8,852,837	3,382,278
New York	301,660,970	180,996,580	109,675,073	38,368,041
North Carolina	62,263,520	37,358,112	29,149,447	10,084,398
North Dakota	9,312,761	5,587,657	5,327,099	1,571,608
Ohio	90,490,021	54,294,013	48,695,464	15,346,804
Oklahoma	28,839,907	17,303,944	14,326,607	4,549,401
Oregon	26,051,505	15,630,903	20,566,667	6,242,225
Pennsylvania	128,458,469	77,081,080	64,954,657	21,239,865
Rhode Island	15,057,128	9,034,277	9,691,798	3,372,556
South Carolina	36,701,390	22,020,834	15,709,020	6,107,203
South Dakota	12,252,846	7,351,708	6,600,395	2,225,973
Tennessee	52,183,841	31,310,305	21,893,928	7,672,232
Texas	98,690,792	59,214,475	58,396,075	20,633,832
Utah	9,866,931	5,920,159	6,874,395	2,090,344
Vermont	7,511,458	4,506,875	9,137,279	2,809,321
Virginia	44,109,853	26,465,916	23,113,711	8,209,331
Washington	30,513,290	18,307,974	26,731,285	8,473,720
West Virginia	15,643,902	9,386,341	9,183,216	3,085,030
Wisconsin	45,830,711	27,498,427	29,968,437	8,667,687
Wyoming	2,494,871	1,496,923	1,308,702	395,855

SOURCES: UNPUBLISHED DATA FROM U.S. DEPARTMENT OF EDUCATION AMERICAN COUNCIL ON EDUCATION

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Parent and Public Involvement in Federal Education Programs: ··

A Comparison of Existing Provisions with Those Required by the Education Consolidation and Improvement Act (ECIA)

EXISTING PROGRAMS	National Advisory Council	State Advisory Council	District Advisory Council	Project Advisory Council	Complaint Procedures	Individual Parent Involvement	Parent Involvement Incentives	Public Hearings on Plans	Grants to Local Groups	Services to Parents	Funding Level FY 1980	Funding Ceiling * FY 1982
Major Programs Not Affected by (ECIA)												
Handicapped Programs	X	X			X	X		X (state)		X	$1.05 bil.	$1.15 bil.
Bilingual Education	X			X		X	X				$167 mil.	$85.3 mil
Indian Education			X			X	X	X (local)		X	$73 mil.	$81.7 mil
Vocational Ed—Basic Grants	X	X	X					X (state)				
Vocational Ed—Consumer and Homemaking										X		
Vocational Ed—Bilingual Training										X	$779 mil.	$791 mil.
Vocational Ed—Indian Programs									X	X		
Library Services		X									$68 mil.	$74.5 mil
Women's Educational Equity	X			X					X		$10 mil.	$6 mil.
Programs to be Phased Out												
Follow Through				E		E	E		E	E	$167 mil.	$44.3 mil
Programs Consolidated												
Title I, ESEA	E		E	E	E	E					$3.3 bil.	$3.5 bil.
Migrant Education				E	E	E			E			
Emergency School Aid				E				E (local)	E	E	$270 mil.	
Basic Skills						E				E	$35 mil.	
School Resources		E									$171 mil.	
School Improvement		E		E						E	$145 mil.	
Gifted & Talented							E	E (local)	E		$6 mil.	
Community Schools	E					E			E	E	$3 mil.	
Consumer's Education									E	E	$4 mil.	
Ethnic Heritage Studies	E			E					E		$3 mil.	
											Total	**$560 mil.**
Education Consolidation Act												
Title I (formerly Title I, ESEA)						X						$3.5 bil.
Title II (includes all consolidated programs above)		X				X				X (opt.)		$584 mil.

X provision in force.
E provision eliminated as of September 30, 1982.

* These are the *maximum* expenditures allowed for programs. Appropriations will be lower.

* * Note: Only those programs with parent or public involvement requirements are included. Adult Education & Impact Aid, for example, have no such feature.

Produced and distributed by: The National Committee for Citizens in Education, 410 Wilde Lake Village Green, Columbia, Maryland 21044. For further information call toll free 1-800-NET-WORK.

Desegregation Aid to the States, 1981-82 School Year

Totals	ESAA	CRA-IV	Total
Alabama	$2,845,202	$425,216	$3,270,418
Alaska	—	249,752	249,752
Arizona	1,218,805	529,082	1,747,887
Arkansas	563,730	210,159	773,889
California	19,247,554	5,897,227	25,144,781
Colorado	996,515	755,284	1,751,799
Connecticut	2,285,294	741,473	3,026,767
Delaware	3,480,727	488,760	3,969,487
District of Columbia	573,642	683,989	1,257,631
Florida	4,426,112	1,541,551	5,967,663
Georgia	3,724,855	614,746	4,339,601
Hawaii	544,885	154,774	699,659
Idaho	—	45,600	45,600
Illinois	4,460,029	1,454,962	5,914,991
Indiana	4,189,595	1,048,314	5,187,909
Iowa	203,200	350,303	553,503
Kansas	211,590	729,269	940,859
Kentucky	600,511	63,727	664,238
Louisiana	5,228,847	476,608	5,705,455
Maine	—	231,378	231,378
Maryland	834,924	205,518	1,040,442
Massachusetts	1,807,775	895,522	2,703,297
Michigan	7,054,314	2,029,859	9,084,173
Minnesota	511,500	858,123	1,369,623
Mississippi	2,805,181	273,613	3,078,794
Missouri	8,839,214	369,123	9,208,337
Montana	—	154,696	154,696
Nebraska	513,103	194,189	707,292
Nevada	—	—	—
New Hampshire	—	176,744	176,744
New Jersey	5,139,113	1,195,435	6,334,548
New Mexico	573,581	770,186	1,343,767
New York	20,354,731	2,251,050	22,605,781
North Carolina	2,365,201	108,785	2,473,986
North Dakota	92,138	194,962	287,100
Ohio	9,173,954	1,266,876	10,440,830
Oklahoma	673,706	259,496	933,203
Oregon	267,290	1,655,603	1,922,893
Pennsylvania	4,555,822	894,416	5,450,238
Rhode Island	515,492	201,807	717,299
South Carolina	1,562,437	241,089	1,803,526
South Dakota	60,589	62,113	122,702
Tennessee	1,265,771	957,643	2,223,414
Texas	7,733,133	2,372,224	10,105,357
Utah	134,289	869,642	1,003,931
Vermont	—	106,679	106,679
Virginia	1,540,578	92,157	4,632,735
Washington	4,055,031	709,445	4,764,476
West Virginia	176,292	0	176,292
Wisconsin	6,866,250	1,051,732	7,917,982
Wyoming	35,182	0	35,182
TOTAL	$144,257,683	$37,110,903	$181,368,586

SOURCE: U.S. DEPARTMENT OF EDUCATION

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States' Gains and Losses Under Block Grants

State	1981 [1] Actual Obligations	1982 Continuing Resolution	Percent Change
Alabama	$9,310,777	7,638,238	-17.9
Alaska	1,673,421	2,187,360	+30.7
Arizona	5,713,026	5,101,377	-10.7
Arkansas	4,166,966	4,376,070	+5.0
California	54,246,507	41,310,341	-23.8
Colorado	5,470,881	5,226,034	-4.4
Connecticut	7,705,810	5,629,327	-26.9
Delaware	5,334,320	2,187,360	-58.9
District of Columbia	5,081,817	2,187,360	-56.9
Florida	15,189,568	15,789,102	+3.9
Georgia	12,412,579	10,871,064	-12.4
Hawaii	2,614,896	2,187,360	-16.3
Idaho	2,352,502	2,187,360	-7.0
Illinois	22,001,556	21,174,245	-3.7
Indiana	13,296,399	10,588,588	-20.3
Iowa	5,003,104	5,333,733	+6.6
Kansas	3,998,761	4,131,745	+3.3
Kentucky	5,886,713	7,062,039	+19.9
Louisiana	11,553,890	8,550,185	-25.9
Maine	2,465,710	2,187,360	-11.2
Maryland	7,231,962	7,901,277	+9.2
Massachusetts	10,653,970	10,179,203	-4.4
Michigan	20,542,592	18,242,264	-11.2
Minnesota	6,610,381	7,634,133	+15.4
Mississippi	7,674,512	5,286,720	-31.1
Missouri	17,567,404	8,900,251	-49.3
Montana	2,444,590	2,187,360	-10.5
Nebraska	3,728,418	2,862,882	-23.2
Nevada	1,700,010	2,187,360	+28.6
New Hampshire	2,117,783	2,187,360	+3.2
New Jersey	15,530,875	13,483,247	-13.2
New Mexico	3,514,388	2,666,637	-24.1
New York	48,291,827	31,353,236	-35.0
North Carolina	10,689,571	11,053,883	-3.4
North Dakota	1,951,219	2,187,360	+12.1
Ohio	25,206,194	20,366,440	-19.2
Oklahoma	5,085,337	5,487,749	+7.9
Oregon	4,296,691	4,634,193	+7.8
Pennsylvania	20,340,163	20,977,320	+3.1
Rhode Island	2,807,257	2,187,360	-22.0
South Carolina	6,436,972	6,207,221	-3.5
South Dakota	2,003,848	2,187,360	+9.1
Tennessee	7,862,551	8,583,914	-9.2
Texas	27,272,790	27,688,367	+1.5
Utah	3,003,797	3,090,754	+2.8
Vermont	1,809,736	2,187,360	-20.9
Virginia	11,701,345	9,830,541	-16.0
Washington	9,658,260	7,352,566	-23.8
West Virginia	3,282,349	3,654,895	+11.3
Wisconsin	13,788,358	8,923,105	-35.2
Wyoming	1,743,256	2,187,360	+25.4

[1] Data were obtained from reports of actual obligations by state for the 29 antecedent programs consolidated into the block grant.

SOURCE: U.S. DEPARTMENT OF EDUCATION

BEST AVAILABLE COPY

Finances

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BEST AVAILABLE COPY

General Revenue of Public School Systems

	Total 1	Intergovernmental 1				
		Total	Directly from Federal Government	From State		From Other Local Governments
				Federal Aid Distributed by State	Other	
United States, TOTAL	101,970,409	56,278,717	1,644,683	7,458,781	45,628,567	1,546,686
Alabama	1,174,314	910,757	18,182	182,807	641,010	68,758
Alaska	461,183	380,723	24,763	17,820	318,140	—
Arizona	1,272,188	644,708	44,055	97,484	499,915	3,255
Arkansas	742,714	449,624	7,218	111,334	328,806	2,267
California	11,842,442	8,899,493	217,306	929,507	7,668,579	84,102
Colorado	1,400,309	633,831	16,924	54,273	561,506	1,128
Connecticut	1,387,591	462,437	16,009	66,970	328,250	51,209
Delaware	260,399	187,898	15,415	20,174	152,309	—
District of Columbia	370,942	70,219	70,219	—	—	—
Florida	3,643,655	2,459,667	90,302	306,377	2,062,556	432
Georgia	1,981,199	1,270,500	43,459	221,458	999,346	6,236
Hawaii	368,206	354,174	51,690	—	302,484	—
Idaho	346,209	224,195	5,587	28,707	185,262	4,639
Illinois	5,649,690	2,630,437	37,331	360,877	1,931,383	300,847
Indiana	1,993,037	1,174,399	7,628	127,255	1,022,734	16,782
Iowa	1,465,282	771,824	10,928	59,509	691,017	10,371
Kansas	1,071,446	481,387	11,318	47,074	419,626	3,369
Kentucky	1,157,385	853,974	14,977	137,103	700,888	706
Louisiana	1,554,002	1,021,349	21,824	192,815	803,798	2,912
Maine	421,050	218,802	3,342	33,723	181,736	–
Maryland	2,066,118	842,163	43,276	120,934	677,732	220
Massachusetts	3,014,572	1,289,829	9,914	161,716	956,342	161,857
Michigan	4,862,906	1,945,378	81,698	215,114	1,550,088	98,478
Minnesota	2,040,650	1,207,553	11,078	114,983	1,073,352	8,141
Mississippi	836,712	623,830	24,489	143,836	454,511	993
Missouri	1,844,095	949,195	46,368	128,052	672,030	102,745
Montana	424,138	273,834	13,350	29,477	137,655	93,352
Nebraska	744,371	243,723	11,657	35,670	126,229	70,168
Nevada	325,554	242,464	4,266	16,022	222,176	—
New Hampshire	326,857	42,604	2,533	14,088	25,768	215
New Jersey	3,725,879	1,475,649	22,671	227,805	1,218,980	6,192
New Mexico	619,616	495,056	45,361	54,639	394,974	81
New York	10,103,122	4,761,387	101,349	652,435	3,996,720	10,883
North Caroline	2,306,237	1,631,132	37,779	297,121	1,296,178	54
North Dakota	289,956	170,102	7,897	18,677	119,861	23,667
Ohio	4,678,606	2,355,710	22,301	383,594	1,939,459	10,355
Oklahoma	1,092,397	705,376	22,093	98,454	560,099	24,731
Oregon	1,481,541	645,642	16,972	106,199	490,945	31,526
Pennsylvania	5,254,636	2,480,381	75,443	354,027	2,047,621	3,289
Rhode Island	367,155	151,548	5,130	17,206	124,195	5,017
South Carolina	979,227	604,231	18,542	138,517	444,383	2,788
South Dakota	275,114	103,726	12,174	22,862	65,483	3,408
Tennessee	1,379,152	850,484	21,766	151,021	537,099	140,597
Texas	6,031,192	3,360,210	97,687	484,921	2,760,964	16,637
Utah	651,759	389,508	12,557	36,524	340,425	—
Vermont	207,011	62,830	1,021	5,763	55,893	153
Virginia	2,033,380	946,614	66,092	170,394	709,547	581
Washington	1,996,087	1,548,609	36,517	101,749	1,296,635	113,908
West Virginia	749,012	508,253	3,992	69,143	435,118	—
Wisconsin	2,371,570	1,116,644	35,079	82,902	992,591	6,071
Wyoming	326,442	174,457	5,152	9,571	106,169	53,565

by Source, by State, 1979-80

Total State	From Own Sources				
	Taxes	Parent Government Contributions	Current Charges		Other
			School Lunch	Other	
45,691,691	29,212,466	8,808,810	2,002,890	2,414,382	3,253,144
283,557	119,435	—	41,304	81,246	21,572
100,460	—	80,605	4,110	4,566	11,179
627,479	518,996	235	24,597	31,62[illegible]	51,968
293,091	219,560	—	19,476	27,369	26,686
2,942,949	2,141,269	91,067	172,124	171,194	367,294
766,478	610,979	—	25,591	36,156	93,752
925,154	248	879,146	31,348	9,790	4,622
72,501	62,146	—	6,297	259	3,799
300,723	—	292,001	2,375	3,827	2,521
1,183,987	829,996	—	77,141	133,244	143,607
710,700	540,770	—	51,061	25,676	93,193
14,032	—	—	5,634	7,864	534
122,013	92,605	—	8,691	7,451	13,206
3,019,253	2,541,201	—	82,371	197,064	198,617
818,838	672,965	—	61,289	16,650	67,733
693,458	553,452	—	35,557	49,436	55,014
590,059	467,229	—	28,532	30,893	33,405
303,411	200,562	—	26,615	49,526	26,708
532,653	444,784	—	22,843	16,027	48,999
202,248	70,538	116,712	9,887	1,259	3,853
1,223,955	—	1,078,282	43,304	83,535	18,834
1,724,743	—	1,640,517	46,651	21,954	15,621
2,917,528	2,455,088	—	93,037	166,595	202,809
833,096	647,392	—	44,353	22,062	119,289
214,882	145,221	—	13,250	27,996	28,414
894,899	695,650	—	47,577	60,284	91,389
150,303	123,404	—	6,582	4,163	16,154
500,648	412,148	—	16,443	42,878	29,179
83,089	53,745	—	7,219	4,311	17,814
284,253	196,082	70,049	9,950	3,036	5,135
2,250,231	1,723,579	340,490	53,132	54,285	78,745
124,550	89,380	—	8,435	9,059	17,686
5,341,735	2,943,787	1,767,653	111,466	293,302	225,528
675,105	—	481,587	66,177	50,813	76,528
119,856	87,672	—	6,702	12,110	13,372
2,322,896	1,966,973	—	124,784	54,129	177,010
387,021	306,840	—	31,909	3,370	44,903
836,000	692,357	—	22,832	58,221	62,591
2,774,255	2,306,442	—	113,177	146,090	208,546
215,608	—	212,023	1,386	-431	1,768
374,996	296,328	—	25,872	33,939	28,857
171,388	151,112	—	7,187	3,870	9,219
528,669	—	442,597	41,326	14,826	29,919
2,670,982	2,148,110	—	155,368	151,421	216,083
262,258	202,786	—	16,255	7,188	36,042
144,180	130,813	—	4,148	1,256	7,964
1,086,766	—	1,003,110	53,306	11,197	19,153
447,277	288,315	—	34,559	53,989	70,414
240,759	186,347	—	14,149	2,239	38,024
1,254,927	760,910	312,737	38,167	102,052	41,061
151,986	125,188	—	7,345	12,622	6,831

NOTE: Because of rounding, detail may not add to totals. Revenue from state sources for state-dependent school systems is included as intergovernmental revenue from state rather than as parent government contributions.

— Represents zero or rounds to zero.

1 To avoid duplication, interschool-system transactions are excluded.

SOURCE: U.S. BUREAU OF THE CENSUS

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Public Elementary and Secondary Education Expenditures for Current Operations [1]

in Current and Adjusted Dollars:
50 States and D.C., Fiscal Years 1971-1980

Fiscal Year Ending	Average Daily Attendance (thousands)	Total Current Expenditures (millions)	Total Current Expenditures Per Pupil	Current Expenditures in Adjusted Dollars [2] (millions)	Expenditures Per Pupil In Adjusted Dollars [2]
1971	42,428	$38,327	$903	$74,913	$1,766
1972	42,482	40,896	963	77,155	1,816
1973	42,179	45,854	1,087	83,151	1,971
1974	41,725	49,954	1,197	83,144	1,99[illegible]
1975	41,524	56,684	1,364	84,958	2,04[illegible]
1976	41,274	61,464	1,489	86,019	2,08[illegible]
1977	40,832	66,236	1,622	87,617	2,146
1978	40,079	72,436	1,807	89,785	2,239
1979	39,076	78,770	2,016	89,255	2,28[illegible]
1980	38,289	86,875	2,269	86,875	2,269

[1] Current expenditures consist of all outlays of funds for regular operations. They exclude outlays for debt service, capital outlay, and community services.
[2] Current dollars converted into equivalent 1980 dollars using the Consumer Price Index.

SOURCE: NATIONAL CENTER FOR EDUCATION STATISTICS

Inflation-Adjusted Changes in Revenue and Expenditures

per Student at Colleges and Universities, Fiscal 1979 to Fiscal 1980

Average for Private institutions

	All institutions	Research universities	Other Ph.D.-granting institutions	Comprehensive institutions	2-year colleges	Selective liberal-arts colleges	Less selective liberal-arts colleges
Educational and general revenue	**+ 0.9%**	**+ 2.0%**	**+ 1.2%**	**– 2.3%**	**– 4.6%**	**+ 0.1%**	**– 2.6%**
Tuition and fees	– 2.3%	– 2.4%	– 1.0%	– 3.5%	– 3.1%	– 3.4%	– 1.9%
State government	– 5.2%	– 2.3%	– 8.2%	– 11.4%	– 11.9%	– 11.0%	– 7.8%
Federal government	+ 5.8%	+ 4.1%	+ 10.0%	+ 0.5%	– 21.7%	+ 28.4%	+ 4.2%
Local government	—	—	—	—	—	—	—
Private gifts and grants	– 2.6%	– 1.2%	– 4.4%	– 4.7%	– 6.3%	+ 4.9%	– 12.4%
Endowment income	+ 1.4%	– 3.0%	+ 11.7%	+ 4.9%	+ 9.6%	+ 1.3%	+ 6.6%
Other	+ 13.2%	+ 17.1%	+ 6.1%	+ 11.6%	+ 5.6%	+ 16.5%	+ 0.6%
Auxiliary enterprises	+ 1.3%	+ 5.1%	– 4.8%	– 2.2%	– 4.6%	– 5.7%	– 4.1%
Hospitals and independent operations	– 8.5%	+ 4.1%	+ 7.8%	—	—	—	—
Total revenue	**+ 1.0%**	**+ 2.6%**	**+ 0.9%**	**– 2.3%**	**– 5.1%**	**– 1.1%**	**– 3.7%**
Educational and general expenditures	**– 0.4%**	**+ 0.4%**	**0.0%**	**– 3.1%**	**– 4.4%**	**– 1.8%**	**– 3.1%**
Instruction	+ 0.1%	+ 1.7%	+ 0.7%	– 4.3%	– 3.1%	– 4.0%	– 3.8%
Research	– 0.1%	+ 3.3%	– 5.0%	+ 1.8%	– 78.5%	+ 10.9%	– 0.8%
Public service	+ 0.8%	+ 1.2%	+ 4.9%	– 8.4%	– 32.9%	+ 1.3%	+ 7.6%
Academic support	– 1.6%	– 1.8%	– 1.2%	– 4.7%	– 5.2%	+ 2.6%	– 0.4%
Student services	– 1.1%	– 1.2%	+ 1.4%	– 2.9%	– 4.4%	– 0.9%	– 2.4%
Institutional support	+ 1.8%	+ 3.6%	– 1.0%	– 3.5%	– 8.5%	+ 1.8%	+ 2.4%
Plant operation and maintenance	– 2.6%	– 4.4%	0.0%	+ 0.9%	+ 0.4%	+ 0.9%	– 1.9%
Auxiliary enterprises	– 1.3%	+ 0.4%	– 2.7%	– 3.0%	– 5.2%	– 4.7%	– 5.0%
Hospitals and independent operations	– 8.9%	+ 4.2%	+ 3.6%	—	—	—	—
Total expenditures	**– 0.2%**	**+ 1.1%**	**0.0%**	**– 3.1%**	**– 5.0%**	**– 2.5%**	**– 4.3%**
Unadjusted Average Change, '79-'80	**+13%**	**+13.9%**	**+12.4%**	**+12.1%**	**+10.5%**	**+11.8%**	**+10.1%**

Inflation-Adjusted Changes, 1979-80 *(Continued)*

Average for Public institutions

	All institutions	Research universities	Other Ph.D.-granting institutions	Comprehensive institutions	2-year colleges
Educational and general revenue	**– 2.4%**	**– 2.8%**	**– 2.6%**	**– 3.8%**	**+ 0.4%**
Tuition and fees	– 3.2%	– 4.1%	+ 0.8%	– 3.6%	– 3.7%
State government	– 2.9%	– 3.5%	– 4.9%	– 3.9%	+ 0.8%
Federal government	– 1.1%	– 1.6%	– 1.8%	– 5.8%	+ 6.6%
Local government	– 2.0%	+ 5.6%	– 3.0%	–13.7%	– 0.6%
Private gifts and grants	– 4.9%	– 1.3%	+ 0.6%	– 6.9%	–13.1%
Endowment income	+ 4.9%	+13.3%	+ 8.3%	+22.1%	–36.1%
Other	+ 4.2%	– 1.1%	+10.1%	+ 7.7%	+ 5.5%
Auxiliary enterprises	– 1.0%	+ 6.2%	– 6.3%	– 7.1%	– 3.4%
Hospitals and independent operations	+ 0.9%	+ 6.6%	– 0.8%	—	—
Total revenue	**– 1.9%**	**– 0.9%**	**– 2.9%**	**– 4.4%**	**+ 0.2%**

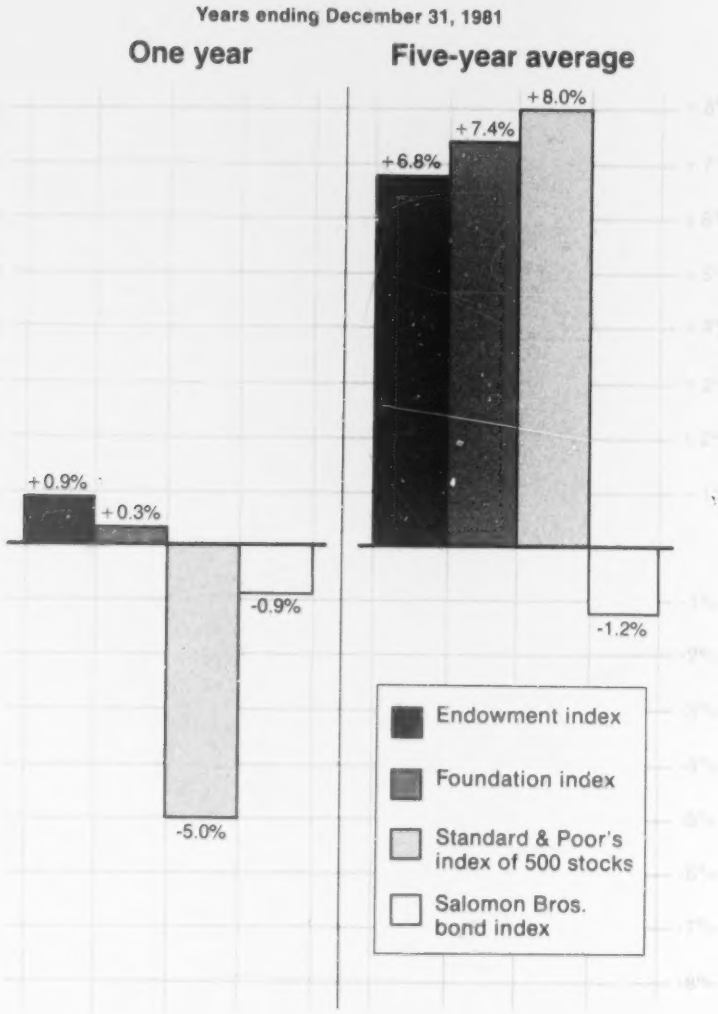
	All institutions	Research universities	Other Ph.D.-granting institutions	Comprehensive institutions	2-year colleges
Educational and general expenditures	**– 3.1%**	**– 2.6%**	**– 4.7%**	**– 4.6%**	**– 0.8%**
Instruction	– 5.0%	– 3.8%	– 6.5%	– 6.1%	– 4.6%
Research	+ 9.2%	– 0.8%	+ 4.7%	+ 8.7%	+32.0%
Public service	+10.5%	+ 2.2%	+29.5%	+ 3.7%	+21.9%
Academic support	– 3.5%	– 2.0%	– 7.2%	– 9.5%	+ 4.2%
Student services	– 2.5%	– 2.9%	– 9.6%	– 1.0%	+ 1.4%
Institutional support	+ 1.2%	+ 0.3%	– 3.8%	+ 3.4%	+ 3.5%
Plant operation and maintenance	– 3.6%	– 3.7%	– 3.3%	– 7.4%	+ 1.3%
Auxiliary enterprises	+ 0.4%	+ 4.7%	– 3.4%	– 5.0%	+ 2.1%
Hospitals and independent operations	– 0.1%	+ 2.8%	+ 1.7%	—	—
Total expenditures	**– 2.4%**	**– 1.3%**	**– 3.6%**	**– 4.7%**	**– 0.6%**
Unadjusted Average Change, '79-'80	**+11.1%**	**+12.5%**	**+10.2%**	**+10.1%**	

— Insufficient data or not applicable.

Note: Average changes are adjusted for 12.5-per-cent inflation, as indicated by 1978-79 and 1979-80 averages of the Labor Department's Consumer Price Index, and for full-time-equivalent enrollment in the fall of 1978 and 1979. Survey data are based on information from 133 private institutions and 100 public institutions in a stratified random sample and are part of a continuing series of studies by W. John Minter and Howard R. Bowen. Research for the public institutions' financial data for 1979-80 was underwritten in part by the American Association of State Colleges and Universities, the American Association of Community and Junior Colleges, and the National Association of State Universities and Land-Grant Colleges. A technical report on survey design and sampling statistics will be available later from John Minter Associates. Specific questions may be addressed to John Minter Associates, P.O. Box 107, Boulder, Colo. 80306.

SOURCE: MINTER-BOWEN STUDY OF AMERICAN HIGHER EDUCATION

Performance of Endowment Funds



SOURCE: 'ENDOWMENT AND FOUNDATION DATABASE/INDEX,' COLONIAL CONSULTING CORPORATION, 610 FIFTH AVENUE, NEW YORK 10020

Endowments of 192 Colleges, 1981 Value

1980 Rank	Institution	Market Value June 30, 1980	Market Value June 30, 1981
1.	Harvard University	$1,584,580,000	$1,713,350,000
2.	University of Texas	1,261,320,000	1,485,090,000
3.	Yale University	668,800,000	792,600,000
4.	Princeton University	547,750,000	685,763,000
5.	Stanford University †	557,740,000	598,990,000
6.	Columbia University	553,000,000	590,400,000
7.	Massachusetts Institute of Technology	421,258,000	500,237,000
8.	University of Chicago	342,300,000	397,100,000
9.	Rice University	329,035,000	376,865,000
10.	Cornell University	328,696,000	360,441,000
11.	Northwestern University	275,238,000	320,552,000
12.	New York University †	281,473,000	276,351,000
13.	Rockefeller University	228,563,000	270,568,000
14.	Washington University	238,613,000	266,579,000
15.	Emory University †	265,818,000	252,859,000
16.	Johns Hopkins University	198,063,000	242,430,000
17.	Dartmouth College	197,609,000	234,055,000
18.	University of Pennsylvania	224,510,000	232,667,000
19.	University of Notre Dame	172,222,000	218,243,000
20.	California Institute of Technology	187,632,000	202,090,000
21.	University of Virginia	152,311,000	179,697,000
22.	Vanderbilt University	154,493,000	174,715,000
23.	Duke University	135,082,000	153,950,000
24.	McGill University	145,200,000	153,200,000
25.	University of Delaware	131,915,000	143,996,000
26.	Case Western Reserve University	125,207,000	142,286,000
27.	Brown University	123,356,000	139,484,000
28.	Wesleyan University	116,804,000	134,395,000
29.	Wellesley College	131,953,000	133,192,000
30.	Carnegie-Mellon University	119,195,000	132,468,000
31.	Smith College	108,614,000	129,126,000
32.	Swarthmore College	91,016,000	117,066,000
33.	Williams College	96,805,000	117,044,000
34.	Southern Methodist University ‡	101,552,000	116,855,000
35.	University of Michigan	106,128,000	116,482,000
36.	University of Minnesota	105,986,000	113,867,000
37.	University of Pittsburgh	103,937,000	113,216,000
38.	Vassar College	86,445,000	104,834,000
39.	Rensselaer Polytechnic Institute	93,404,000	103,943,000
40.	University of Cincinnati	90,121,000	103,612,000
41.	Oberlin College	93,064,000	103,102,000
42.	Berea College	86,536,000	97,534,000
43.	Amherst College	83,975,000	95,009,000
44.	University of Richmond	77,536,000	88,133,000
45.	Baylor University	not reported	87,500,000
46.	Grinnell College	43,332,000	85,552,000
47.	The Ohio State University	76,342,000	84,794,000
48.	Loyola University of Chicago	65,156,000	83,615,000
49.	Wake Forest University	65,526,000	77,589,000
50.	Lehigh University	61,924,000	72,980,000
51.	Pomona College	58,913,000	72,530,000
52.	Brandeis University	67,009,000	72,528,000
53.	Georgetown University	66,195,000	71,844,000
54.	Lafayette College	59,952,000	71,558,000
55.	Middlebury College	60,019,000	70,211,000
56.	Rochester Institute of Technology	59,549,000	64,656,000
57.	Carleton College	53,970,000	61,966,000
58.	State U. of New York, Buffalo	57,613,000	61,478,000
59.	Mount Holyoke College	58,203,000	61,449,000
60.	Boston University	46,171,000	60,898,000
61.	Wabash College	not reported	59,589,000
62.	Thomas Jefferson University	52,825,000	58,995,000
63.	Syracuse University	53,400,000	58,816,000
64.	Academy of the New Church	40,901,000	55,797,000
65.	Bryn Mawr College ‡	45,336,000	55,521,000
66.	Bowdoin College	46,507,000	55,303,000
67.	University of Illinois	19,557,000	52,672,000
68.	Earlham College	43,890,000	49,719,000
69.	Hamilton College	41,241,000	49,658,000
70.	University of Miami ‡	38,546,000	47,707,000
71.	Tufts University	not reported	47,249,000
72.	Trinity College (Conn.)	42,992,000	47,181,000
73.	Occidental College	37,743,000	46,555,000
74.	Baylor College of Medicine	30,787,000	45,470,000
75.	Cooper Union	39,750,000	44,393,000
76.	Colorado College	31,534,000	44,181,000
77.	University of North Carolina	not reported	43,605,000
78.	University of Wisconsin System	37,453,000	43,267,000
79.	Rutgers, The State U. of New Jersey	32,407,000	42,601,000
80.	Worcester Polytechnic Institute	38,085,000	41,547,000
81.	Bucknell University	35,611,000	41,254,000
82.	Radcliffe College	not reported	40,347,000
83.	Colgate University ‡	34,904,000	39,653,000
84.	Haverford College	33,052,000	38,179,000
85.	Southwestern University	not reported	37,915,000
86.	Hampton Institute	32,356,000	36,656,000
87.	Agnes Scott College	35,339,000	35,487,000
88.	Drew University	28,265,000	34,062,000
89.	University of Missouri	30,445,000	34,027,000
90.	University of Vermont	25,665,000	32,006,000
91.	Whitman College	28,262,000	31,760,000
92.	Claremont McKenna College	25,155,000	31,516,000
93.	Colby College	26,352,000	29,367,000
94.	University of Santa Clara	21,641,000	28,402,000
95.	Davidson College	25,263,000	27,656,000
96.	Lawrence University (Wisc.)	not reported	27,369,000
97.	Austin College ‡	not reported	27,152,000
98.	Ohio University	25,758,000	27,050,000
99.	University of Denver	$23,946,000	$27,014,000
100.	Teachers College, Columbia U. ‡	25,283,000	26,465,000

1980 Rank	Institution	Market Value June 30, 1980	Market Value June 30, 1981
101.	Barnard College	not reported	25,880,000
102.	University of Alabama System	not reported	25,795,000
103.	Berry College	21,156,000	25,535,000
104.	Rhode Island School of Design	19,135,000	24,556,000
105.	University of Tennessee-Knoxville	not reported	24,165,000
106.	College of Wooster	20,229,000	24,033,000
107.	Simmons College	19,292,000	22,014,000
108.	Denison University	18,095,000	21,923,000
109.	George Washington University	19,064,000	21,834,000
110.	Spelman College	14,460,000	21,610,000
111.	Sweet Briar College	19,912,000	20,946,000
112.	University of Maryland	17,574,000	20,714,000
113.	University of Wisconsin Foundation	15,737,000	20,281,000
114.	Marquette University	17,588,000	19,827,000
115.	Cornell College	17,439,000	19,280,000
116.	Hendrix College *	18,474,000	18,926,000
117.	Ohio Wesleyan University	17,418,000	18,849,000
118.	Pennsylvania State University	15,479,000	18,320,000
119.	Wheaton College (Mass.)	16,119,000	17,656,000
120.	Dickinson College	17,426,000	17,625,000
121.	Clark University	14,900,000	17,289,000
122.	Coe College	not reported	16,886,000
123.	University of Utah	not reported	16,883,000
124.	Reed College	13,293,000	16,786,000
125.	Wittenberg University	11,420,000	16,457,000
126.	Alma College	13,310,000	16,455,000
127.	Franklin and Marshall College	12,683,000	16,218,000
128.	Michigan State University	14,231,000	15,798,000
129.	Furman University	13,269,000	15,762,000
130.	University of Tennesse-Chattanooga	not reported	15,614,000
131.	Oregon State Board of Higher Ed.	15,086,000	15,377,000
132.	University of Puget Sound †	13,707,000	15,088,000
133.	Baldwin-Wallace College	12,740,000	14,894,000
134.	Kalamazoo College	12,943,000	14,805,000
135.	Wentworth Institute of Tech.	not reported	14,577,000
136.	University of Arizona	11,607,000	14,367,000
137.	Connecticut College	9,185,000	14,046,000
138.	Allegheny College	12,234,000	13,659,000
139.	University of Tulsa	11,856,000	13,537,000
140.	Indiana University	12,160,000	13,452,000
141.	Norwich University	not reported	12,849,000
142.	Temple University	11,707,000	12,722,000
143.	C. of William and Mary Association	not reported	12,204,000
144.	University of Maine	10,489,000	11,983,000
145.	Drake University ‡	12,086,000	11,875,000
146.	University of Dayton	8,997,000	11,403,000
147.	Washburn College	11,027,000	11,403,000
148.	Mercer University	10,272,000	11,357,000
149.	Whittier College	not reported	10,999,000
150.	Kenyon College	8,792,000	10,856,000
151.	Georgia Institute of Technology	10,758,000	10,810,000
152.	Hobart and William Smith Colleges	8,604,000	10,704,000
153.	University of Iowa Foundation	not reported	9,740,000
154.	Muhlenberg College	8,744,000	9,045,000
155.	University of Arkansas	5,895,000	9,005,000
156.	Saint Norbert College	8,099,000	8,659,000
157.	Saint Mary's College (Ind.)	not reported	8,645,000
158.	Wells College	not reported	8,500,000
159.	North Carolina State University	not reported	8,408,000
160.	Alfred University	6,683,000	8,089,000
161.	Ohio Northern University	7,277,000	7,684,000
162.	Babson College	not reported	7,441,000
163.	Doane College	6,096,000	7,333,000
164.	Rollins College	not reported	7,314,000
165.	Skidmore College	not reported	7,288,000
166.	University of Nebraska	6,669,000	7,148,000
167.	University of Scranton	not reported	6,781,000
168.	Clarkson C. of Technology	6,324,000	6,603,000
169.	Augustana College	not reported	6,527,000
170.	Hope College	5,191,000	6,490,000
171.	Carroll College	5,866,000	6,102,000
172.	Moravian College	not reported	6,027,000
173.	Loras College	not reported	6,013,000
174.	University of Evansville	6,312,000	5,936,000
175.	American University	5,306,000	5,818,000
176.	College of William and Mary	not reported	5,529,000
177.	Washington State University	4,811,000	5,351,000
178.	Medical College of Pennsylvania	4,960,000	5,212,000
179.	University of Akron	3,580,000	3,940,000
180.	University of Oregon Foundation	2,737,000	3,683,000
181.	Philadelphia C.of Textiles and Science	3,522,000	3,599,000
182.	Canisius College	not reported	3,538,000
183.	Chapman College ‡	2,925,000	3,157,000
184.	University of Tampa	2,286,000	2,928,000
185.	Trinity College (D.C.)	1,367,000	2,639,000
186.	Western Michigan University	1,484,000	2,564,000
187.	Arizona State University	2,815,000	2,325,000
188.	Newberry College	2,221,000	2,055,000
189.	Eastern Michigan University	1,637,000	1,938,000
190.	University of Mississippi	1,585,000	1,850,000
191.	University of Connecticut	1,778,000	1,833,000
192.	Monmouth College	1,398,000	1,472,000

† As of August 31
* As of July 31
‡ As of May 31

Note: Table includes only institutions participating in the voluntary comparative-performance study by the National Association of College and University Business Officers.

14 Years of Corporate Support for Colleges
In Millions
$1000
$800
$600
$400
$200
$315
$375
$345
$410
$450
$650
$890
$1000
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980

Who Gave How Much To Higher Education, 1979-80

(Dollars in thousands)

	75 private universities	5 private men's colleges	73 private women's colleges
Volume of support (add 000)			
Grand total of support	$1,328,044	$14,680	$118,948
	(100.0%)	(100.0%)	(100.0%)
Current operations	748,767	5,252	57,612
	(56.4%)	(35.8%)	(48.4%)
Capital purposes	579,277	9,428	61,335
	(43.6%)	(64.2%)	(51.6%)
Sources of support (add 000)			
Business corporations	$230,000	$1,006	$9,870
	(17.3%)	(6.9%)	(8.3%)
Religious denominations	19,336	231	6,068
	(1.4%)	(1.6%)	(5.1%)
Alumni	362,049	5,308	52,473
	(27.3%)	(36.2%)	(44.1%)
Non-alumni individuals	336,681	5,268	22,811
	(25.4%)	(35.9%)	(19.2%)
Foundations	308,088	2,343	22,627
	(23.2%)	(16.0%)	(19.0%)
Others	71,890	524	5,098
	(5.4%)	(3.6%)	(4.3%)
Support through the annual fund (add 000 to dollars)			
Total number of alumni of record	4,786,570	53,915	677,780
Number of alumni solicited for annual fund	3,961,476	43,427	591,249
Number of alumni donors to annual fund	954,372	14,859	191,261
Dollar value of alumni gifts to annual fund	$126,758	$1,738	$21,890
Dollar value of non-alumni parents' gifts to annual fund	$4,477	$212	$2,074
Dollar value of total gifts to annual fund	201,638	4,331	40,550
Total non-alumni parent support (add 000 to dollars)			
Number of non-alumni parent donors for all purposes	40,465	1,265	14,817
Contributions by non-alumni parents for all purposes	$17,313	$528	$4,083
Corporations' matching gifts (add 000 to dollars)			
Total number of gifts matched	75,238	2,304	13,286
Support from corporation matching-gift programs	$18,264	$554	$2,619

finances

	440 private coeducational colleges	62 professional and specialized schools	209 public institutions	84 2-year colleges	Total for 928 institutions
Volume of support (add 000)					
Grand total of support	$ 784,468	$121,276	$929,236	$21,413	$3,318,064
	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)
Current operations	375,004	66,699	651,257	10,566	1,915,158
	(47.8%)	(55.0%)	(70.1%)	(49.3%)	(57.7%)
Capital purposes	409,463	54,578	277,979	10,846	1,402,907
	(52.2%)	(45.0%)	(29.9%)	(50373%)	(42.3%)
Sources of support (add 000)					
Business corporations	$89,011	$17,376	$260,110	$4,361	$611,734
	(11.4%)	(14.3%)	(28.0%)	(20.4%)	(18.4%)
Religious denominations	69,680	8,834	1,107	2,713	107,969
	(8.9%)	(7.3%)	(0.1%)	(12.7%)	(3.3%)
Alumni	217,230	11,439	170,704	1,933	821,135
	(27.7%)	(9.4%)	(18.4%)	(9.0%)	(24.8%)
Non-alumni individuals	217,966	32,224	166,452	8,694	790,097
	(27.8%)	(26.6%)	(17.9%)	(40.6%)	(23.8%)
Foundations	148,798	45,384	195,017	2,611	724,868
	(19.0%)	(37.4%)	(21.0%)	(12.2%)	(21.9%)
Others	41,784	6,109	135,845	1,102	262,262
	(5.3%)	(5.0%)	(14.6%)	(5.1%)	(7.9%)
Support through the annual fund (add 000 to dollars)					
Total number of alumni of record	4,449,536	435,878	10,227,854	313,674	20,945,207
Number of alumni solicited for annual fund	3,772,615	379,329	8,081,074	216,391	17,045,561
Number of alumni donors to annual fund	883,029	69,430	1,040,049	24,233	3,177,233
Dollar value of alumni gifts to annual fund	$81,963	$5,744	$72,586	$1,179	$311,859
non-alumni parents' gifts to annual fund	$9,477	$242	$974	$391	$17,847
Dollar value of total gifts to annual fund	$234,708	20,070	$151,891	$5,041	$658,229
Total non-alumni parent support (add 000 to dollars)					
non-alumni parent donors for all purposes	98,681	3,743	28,820	3,849	191,640
non-alumni parents for all purposes	$18,400	$453	$3,267	$636	$44,680
Corporations' matching gifts (add 000 to dollars)					
number of gifts matched	80,764	7,503	52,873	1,312	233,280
matching-gift programs	$15,924	$1,574	$9,098	$266	$48,200

Institutional Support & Expenditures

Academic year	Total enrollment (thousands)	Consumer Price Index *	Higher Education Price Index *	Institutional expenditures: Total amount	Institutional expenditures: per student, current	Institutional expenditures: per student, Adjusted†
1949-50	2,659,000	71.7	—	$ 2,500,000,000	$ 940	$1,310
1965-66	5,967,000	95.9	95.0	15,200,000,000	2,547	2,656
1970-71	8,649,000	118.8	128.6	27,100,000,000	3,133	2,637
1975-76	11,291,000	165.9	177.2	68,000,000,000	5,621	2,165
1980-81	12,097	259.6	261.7	68,000,000,000	5,621	2,165
Change from 1975-76	+ 1.4%	+ 9.4%	+ 8.1%	+ 9.8%	+ 8.3%	− 1.0%

How Alumni Responded to Annual Fund Drive

	1979-80		1980-81	
	Per cent who gave	Average gift	Per cent who gave	Average gift
Private universities	23.7%	134.62	24.1%	132.82
Private men's colleges	35.0%	119.94	34.2%	116.95
Private women's colleges	31.6%	125.04	32.3%	114.45
Private coeducational colleges	22.4%	87.29	23.4%	92.82
Professional and specialized schools	18.2%	92.58	18.3%	82.74
Four-year public institutions	12.2%	72.98	12.9%	69.79
Two-year institutions	8.6%	55.84	11.2%	48.67
Total	18.1%	99.25	11.2%	48.67

Estimated Charitable Giving

	1980 (in billions of dollars)	1981 (in billions of dollars)	Change	Share of total in 1981
From:				
Individuals	$39.78	$44.51	+11.9%	83.0%
Bequests	2.86	3.49	+21.7%	6.5%
Corporations	2.70	3.00	+11.1%	5.6%
Foundations	2.40	2.62	+ 9.1%	4.9%
To:				
Religious groups	$22.15	$24.85	+12.2%	46.3%
Education	**6.68**	**7.49**	**+12.1%**	**14.0%**
Health agencies	6.49	7.36	+13.4%	13.8%
Social services	4.73	5.32	+12.4%	9.9%
Arts and humanities	2.96	3.35	+13.1%	6.2%
Civic groups	1.36	1.54	+13.2%	2.9%
Other	3.37	3.71	+10.0%	6.9%
Total	$47.74	$53.62	+12.3%	100.0%

SOURCE: PRELIMINARY DATA FROM AMERICAN ASSOCIATION OF FUND-RAISING COUNSEL

vs Inflation

	Estimated voluntary support			
	amount	per student Current	Adjusted†	% of expenditures
1949-50	$ 240,000,000	$ 90	$126	9.6%
1965-66	1,440,000,000	241	251	9.5%
1970-71	1,860,000,000	215	181	6.9%
1975-76	4,230,000,000	350	135	6.2%
1980-81	4,230,000,000	350	135	6.2%
Change from 1975-76	+11.9%	+10.4%	+ 1.7%	

* 1967 = 100.
† Adjusted to 1967 dollars, according to Consumer Price Index.

The Top 20

Following are the 20 institutions reporting the highest amounts of voluntary support—from individuals, corporations, foundations, religious denominations, and other sources—in 1979-80, according to the Council for Financial Aid to Education.

1. Harvard U.	$90,968,738
2. Stanford U.	79,642,853
3. Yale U.	58,304,711
4. U. of Southern Cal.	55,234,810
5. Cornell U.	54,575,318
6. U. of Minnesota	49,828,866
7. U. of Pennsylvania	48,930,359
8. Columbia U.	48,444,576
9. Mass. Inst. of Tech.	47,540,361
10. Johns Hopkins U.	46,849,517
11. Dartmouth C.	42,487,408
12. U. of Chicago	39,241,134
13. Duke U.	36,713,979
14. Texas A&M U.	35,714,920
15. Princeton U.	35,335,965
16. Yeshiva U.	34,306,665
17. U. of Illinois	34,283,060
18. U. of Cal., Los Angeles	34,080,324
19. U. of Wis., Madison	33,585,367
20. Northwestern U.	33,092,725

The Top 10

Following are the 10 secondary schools reporting the highest totals of voluntary support.

1. The Lawrenceville Sch.	$9,427,464
2. Phillips Exeter Acad.	6,777,410
3. Phillips Acad.(Andover)	4,230,254
4. Hotchkiss Sch.	4,064,797
5. St. Paul's Sch.	3,405,753
6. Woodberry Forest Sch.	3,355,134
7. Culver Educational Fdn.	2,911,148
8. Deerfield Acad.	2,884,650
9. St. George's Sch.	2,816,979
10. The Taft Sch.	2,786,990

SOURCE: COUNCIL FOR FINANCIAL AID TO EDUCATION

Institutional data

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Summary of Private School Statistics by Affiliation and Level

October 1, 1980

Level-Type	Total		Affiliated						Not Affiliated	
			Total		Catholic		Others			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
SCHOOLS										
Total	21,000	100.0	16,233	100.0	9,662	100.0	6,571	100.0	4,767	100.0
Elementary	13,363	63.6	11,670	71.9	7,856	81.3	3,814	58.0	1,693	35.5
Secondary	2,199	10.5	1,777	10.9	1,410	14.6	367	5.6	422	8.9
Combined	3,408	16.2	2,226	13.7	197	2.0	2,029	30.9	1,182	24.8
Special Education	1,206	5.8	209	1.3	150	1.6	59	0.9	997	20.9
Others	824	3.9	351	2.2	49	0.5	302	4.6	473	9.9
ENROLLMENTS										
Total	5,028,865	100.0	4,226,491	100.0	3,190,687	100.0	1,035,804	100.0	802,374	100.0
Elementary	29,253,13	58.2	2,711,029	64.1	2,266,425	71.0	444,604	42.9	214,284	26.7
Secondary	999,848	19.9	904,406	21.4	824,146	25.8	80,260	7.7	95,442	11.9
Combined	933,357	18.5	545,266	12.9	75,198	2.4	470,068	45.4	388,091	48.4
Special Education	81,703	1.6	14,931	0.4	12,177	0.4	2,754	0.3	66,772	8.3
Others	88,644	1.8	50,859	1.2	12,741	0.4	38,118	3.7	37,785	4.7
TEACHERS										
Total	281,150	100.0	210,175	100.0	146,404	100.0	63,771	100.0	70,975	100.0
Elementary	133,826	47.6	118,119	56.2	93,123	63.6	24,996	39.2	15,707	22.1
Secondary	61,786	22.0	52,523	25.0	46,058	31.4	6,465	10.2	9,263	13.0
Combined	64,888	23.1	33,677	16.0	4,388	3.0	29,289	45.9	31,211	44.0
Special Education	13,436	4.8	2,448	1.2	1,987	1.4	461	0.7	10,988	15.5
Others	7,214	2.5	3,408	1.6	848	0.6	2,560	4.0	3,806	5.4
PUPIL-TEACHER RATIO										
Total	18		21		22		17		12	
Elementary	22		23		25		18		14	
Secondary	17		18		18		13		11	
Combined	15		17		18		17		13	
Special Education	7		7		7		8		7	
Others	13		15		16		15		10	

Private Education by Religious Affiliation
1965-66 and 1978-79

	1965-66		1978-79	
	Schools	**Pupils**	**Schools**	**Pupils**
Roman Catholic	13,484	5,481,300	9,849	3,269,800
Lutheran	1,457	188,500	1,485	217,400
7th Day Adventist	1,149	62,600	1,106	148,200
Baptist	145	25,200	858	204,100
Jewish	272	52,600	406	101,800
Episcopal	320	48,600	314	76,500
Methodist	46	5,600	60	11,200
Presbyterian	36	4,800	60	12,800
Friends	56	10,600	50	14,600
Other Church-Related	612	83,700	1,531	281,200
Total Church-Related	17,577	5,963,500	15,719	4,337,600
Not Church-Related	2,369	341,300	3,947	746,700
Total Private	19,946	6,304,800	19,666	5,084,300

SOURCE: NATIONAL CENTER FOR EDUCATION STATISTICS

Catholic Elementary and Secondary Schools by Region
1977-78 through 1981-82

Elementary	**1977-78**	**1978-79**	**1979-80**	**1980-81**	**1981-82**
New England	563	557	551	548	541
Mideast	2,441	2,421	2,394	2,361	2,316
Great Lakes	2,187	2,175	2,160	2,147	2,135
Plains	913	910	904	901	898
Southeast	858	855	853	848	861
West/Far West	1,242	1,241	1,238	1,238	1,245
United States	**8,204**	**8,159**	**8,100**	**8,043**	**7,996**
Secondary					
New England	139	135	133	129	126
Mideast	468	456	447	438	430
Great Lakes	347	336	331	327	322
Plains	176	176	172	169	169
Southeast	198	198	198	197	194
West/Far West	265	263	259	256	257
United States	**1,593**	**1,564**	**1,540**	**1,516**	**1,498**

All Schools	1977-78	1978-79	1979-80	1980-81	1981-82
New England	702	692	684	677	667
Mideast	2,909	2,877	2,841	2,799	2,746
Great Lakes	2,534	2,511	2,491	2,474	2,457
Plains	1,089	1,086	1,076	1,070	1,067
Southeast	1,056	1,053	1,051	1,045	1,055
West/Far West	1,507	1,504	1,497	1,494	1,502
United States	**9,797**	**9,723**	**9,640**	**9,559**	**9,494**

Enrollment in Catholic Schools by Region per Thousand of Pupils 1977-78 through 1981-82

Elementary	1977-78	1978-79	1979-80	1980-81	1981-82
New England	155	149	146	144	148
Mideast	809	784	755	739	736
Great Lakes	643	630	604	599	590
Plains	214	209	201	201	199
Southeast	258	254	250	250	252
West/Far West	342	339	337	338	341
United States	**2,421**	**2,365**	**2,293**	**2,269**	**2,266**
Secondary					
New England	68	68	68	68	69
Mideast	290	283	279	276	272
Great Lakes	217	207	208	205	198
Plains	77	76	73	71	70
Southeast	92	93	93	92	92
West/Far West	124	126	125	125	127
United States	**868**	**853**	**846**	**837**	**828**
All Schools					
New England	223	217	214	212	217
Mideast	1,099	1,067	1,034	1,015	1,008
Great Lakes	860	837	812	804	788
Plains	291	285	274	270	269
Southeast	350	347	343	342	344
West/Far West	466	465	462	463	468
United States	**3,289**	**3,218**	**3,139**	**3,106**	**3,094**

SOURCE: NATIONAL CATHOLIC EDUCATION ASSOCIATION

Catholic School Full-Time Teaching Staff
1979-80 through 1981-82

Elementary	1977-78	Percent	1978-79	Percent	1979-80	Percent	1980-81	Percent	1981-82	Percent
Sisters	30,888	31.0	28,453	28.9	26,868	27.5	24,454	25.3	23,289	24.0
Male Religious	620	.6	502	.5	500	.5	444	.5	577	.6
Lay Teachers	68,231	68.4	69,584	70.6	70,356	72.0	71,841	74.2	72,981	75.4
Total	**99,739**	**100.0**	**98,539**	**100.0**	**97,724**	**100.0**	**96,739**	**100.0**	**96,847**	**100.0**
Secondary										
Sisters	11,508	22.6	10,616	21.5	9,814	19.8	9,170	18.7	8,738	17.7
Male Religious	6,331	12.5	5,880	11.9	5,550	11.2	5,306	10.8	5,139	10.4
Lay Teachers	33,070	64.9	32,913	66.6	34,206	69.0	34,562	70.5	35,448	71.9
Total	**50,909**	**100.0**	**49,409**	**100.0**	**49,570**	**100.0**	**49,038**	**100.0**	**49,325**	**100.0**
All Schools										
Sisters	42,396	28.1	39,069	26.4	36,682	24.9	33,624	23.1	32,027	21.9
Male Religious	6,951	4.6	6,382	4.3	6,050	4.1	5,750	3.9	5,716	3.9
Lay Teachers	101,301	67.3	102,497	69.3	104,562	71.0	106,403	73.0	108,429	74.2
Total	**150,648**	**100.0**	**147,948**	**100.0**	**147,294**	**100.0**	**145,777**	**100.0**	**146,172**	**100.0**

Catholic School Enrollment by Ethnic Background
1970-71, 1980-81, 1981-82

Elementary	1970-71	Percent	1980-81	Percent	1981-82	Percent
Black Americans	172,000	5.1	200,300	8.8	199,900	8.8
Hispanic Americans	177,900	5.3	199,300	8.8	209,800	9.3
Asian Americans	18,300	0.5	42,000	1.9	45,600	2.0
American Indians	19,000	0.5	7,300	0.3	7,700	0.3
All Others	2,969,300	88.6	1,820,400	80.2	1,803,000	79.6
TOTAL	**3,355,500**	**100.0**	**2,269,300**	**100.0**	**2,266,000**	**100.0**
Secondary						
Black Americans	37,500	3.7	52,600	6.3	49,400	6.0
Hispanic Americans	38,600	3.8	56,700	6.8	51,400	6.2
Asian Americans	5,200	0.5	10,100	1.2	10,200	1.2
American Indians	2,400	0.2	2,400	0.3	2,600	0.3
All Others	924,400	91.8	715,200	85.4	714,800	86.3
TOTAL	**1,008,100**	**100.0**	**837,000**	**100.0**	**827,800**	**100.0**

All Schools

Black Americans	209,500	4.8	252,900	8.1	249,300	8.1
Hispanic Americans	216,500	5.0	256,000	8.3	261,200	8.4
Asian Americans	23,500	0.5	52,100	1.7	55,800	1.8
American Indians	20,400	0.5	9,700	0.3	10,300	0.3
All Others	3,893,700	89.2	2,535,600	81.6	2,517,200	81.4
TOTAL	**4,363,600**	**100.0**	**3,106,300**	**100.0**	**3,093,800**	**100.0**

SOURCE: NATIONAL CATHOLIC EDUCATION ASSOCIATION

Projected School Closures Over the Next Five Years

States	Projected Closures over next 5 years	1978-79 vacant schools	Total	Number of schools
Alabama	10	397	407	4,998
California	400	58	458	7,471
Delaware	5	12	17	180
Florida	18	800	818	17,794
Illinois	(1)	80	80	4,639
Iowa	25	25	50	1,800
Kentucky	30	8	38	1,500
Michigan	150	54	204	3,780
Missouri	(1)	185	185	3,422
New York	200	350	550	4,941
North Carolina	10	40	50	2,000
North Dakota	4	1	5	605
Oregon	(1)	4	4	1,284
Pennsylvania	300	100	400	3,944
Rhode Island	10	(2)	10	335
South Dakota	10	0	10	611
Tennessee	25	22	47	1,700
Texas	(1)	300	300	12,000
Utah	3	2	5	800
Washington	25	45	70	1,727
Wyoming	3	10	13	385
TOTAL	**1,228**	**2,493**	**3,721**	**75,916**

[1] Information on projected closures was not reported.
[2] Number of vacant schools not reported.

SOURCE: GENERAL ACCOUNTING OFFICE

Potential Support and Competition for Schools

States	Potential Support for Schools, 1990	Potential Support for Schools, 2000	Competition for Revenues, 2000
Alabama	MS	MS	L
Alaska	LS	LS	H
Arizona	MS	MS	H
Arkansas	MS	MS	M
California	LS	LS	M
Colorado	LS	LS	H
Connecticut	LS	LS	M
Delaware	LS	LS	M
District of Columbia	LS	LS	M
Florida	VLS	VLS	L
Georgia	HS	HS	H
Hawaii	LS	HS	H
Idaho	HS	HS	M
Illinois	MS	LS	M
Indiana	MS	MS	M
Iowa	MS	MS	L
Kansas	MS	MS	L
Kentucky	MS	MS	L
Louisiana	MS	MS	L
Maine	VLS	MS	L
Maryland	LS	LS	M
Massachusetts	LS	LS	M
Michigan	MS	VLS	M
Minnesota	LS	HS	L
Mississippi	MS	MS	L
Missouri	MS	MS	L
Montana	LS	LS	M
Nebraska	MS	MS	M
Nevada	LS	LS	H
New Hampshire	LS	LS	H
New Jersey	VLS	VLS	M
New Mexico	HS	MS	H
New York	VLS	LS	M
North Carolina	VLS	VLS	M
North Dakota	HS	HS	H
Ohio	MS	MS	M
Oklahoma	MS	MS	H
Oregon	LS	LS	H
Pennsylvania	VLS	VLS	M
Rhode Island	VLS	VLS	M
South Carolina	LS	LS	H
South Dakota	MS	MS	L
Tennessee	LS	LS	H
Texas	HS	HS	M
Utah	MS	MS	M
Vermont	LS	LS	L
Virginia	LS	LS	M
Washington	LS	LS	H
West Virginia	MS	VLS	L
Wisconsin	MS	MS	L
Wyoming	HS	HS	M

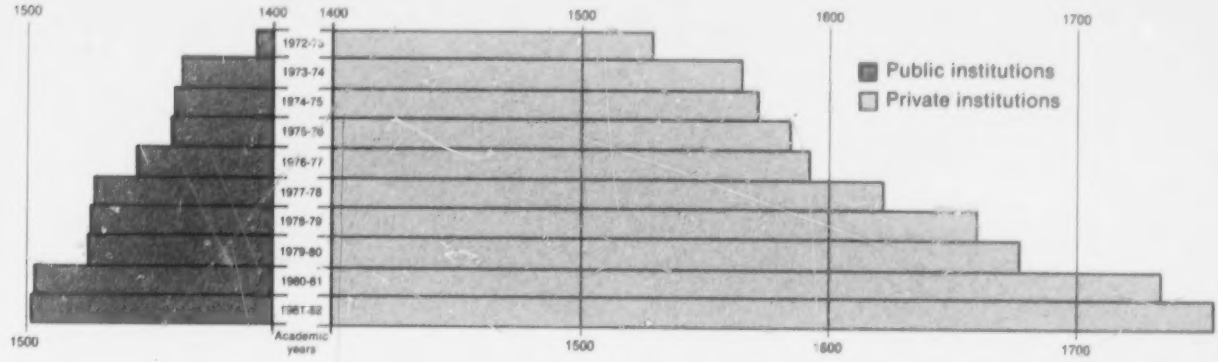
(HS: high support
MS: moderate support
LS: low support
VLS: very low support)
(L: low, M: medium, H: high)

SOURCE: SCHOOL FINANCE PROJECT, U.S. DEPARTMENT OF EDUCATION

BEST AVAILABLE COPY

The Growing Number of Colleges

	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
Public institutions										
4-year	536	544	544	545	550	552	550	549	552	558
2-year	871	893	897	897	905	921	924	926	945	940
All	1,407	1,437	1,441	1,442	1,455	1,473	1,474	1,475	1,497	1,498
Private institutions										
4-year	1,286	1,311	1,327	1,353	1,363	1,386	1,391	1,405	1,405	1,420
2-year	243	254	244	231	229	236	269	272	329	335
All	1,529	1,565	1,571	1,584	1,592	1,622	1,660	1,677	1,734	1,755
Public and private combined										
4-year	1,822	1,855	1,871	1,898	1,913	1,938	1,941	1,954	1,957	1,978
2-year	1,114	1,147	1,141	1,128	1,134	1,157	1,193	1,198	1,274	1,275
Total	2,936	3,002	3,012	3,026	3,047	3,095	3,134	3,152	3,231	3,253



SOURCE: NATIONAL CENTER FOR EDUCATION STATISTICS

How Enrollment Divides Among Types of Colleges

	Research universities (medical)	Research universities (nonmedical)	Other universities (medical)	Other universities (nonmedical)	Comprehensive institutions	Baccalaureate colleges	2-year colleges (academic)	2-year colleges (occupational)	Other professional institutions
Alabama	22.9%	0.0%	0.0%	13.2%	32.6%	5.5%	22.4%	3.4%	0.0%
Alaska	0.0%	0.0%	0.0%	0.0%	36.8%	0.0%	43.9%	17.9%	1.4%
Arizona	20.5%	0.0%	0.0%	25.6%	9.6%	0.0%	42.6%	1.7%	0.0%
Arkansas	0.0%	27.9%	0.0%	0.0%	39.1%	16.5%	13.3%	0.8%	2.4%
California	6.4%	3.5%	1.0%	2.2%	26.5%	0.0%	58.1%	1.6%	0.6%
Colorado	16.0%	18.5%	0.0%	9.5%	12.9%	16.8%	22.5%	0.0%	3.6%
Connecticut	0.0%	0.0%	0.0%	28.3%	35.3%	0.0%	30.0%	5.5%	0.8%
Delaware	0.0%	0.0%	0.0%	72.2%	0.0%	8.4%	0.0%	19.5%	0.0%
Florida	13.2%	0.0%	7.8%	8.9%	14.8%	0.0%	55.1%	0.2%	0.0%
Georgia	18.0%	8.6%	0.0%	14.2%	27.9%	3.0%	25.1%	0.0%	3.2%
Hawaii	52.1%	0.0%	0.0%	0.0%	0.0%	8.0%	20.6%	19.3%	0.0%
Idaho	0.0%	0.0%	0.0%	30.0%	51.3%	4.2%	14.5%	0.0%	0.0%
Illinois	10.7%	0.0%	6.9%	12.5%	21.1%	0.0%	46.8%	0.4%	1.6%
Indiana	22.2%	0.0%	0.0%	33.6%	28.8%	1.7%	3.0%	7.1%	3.6%
Iowa	55.5%	0.0%	0.0%	0.0%	12.0%	0.9%	18.4%	14.1%	0.0%
Kansas	18.7%	0.0%	0.0%	23.6%	27.8%	5.1%	22.5%	0.3%	2.1%
Kentucky	22.7%	0.0%	16.6%	0.0%	39.9%	7.8%	12.9%	0.0%	0.0%
Louisiana	0.0%	0.0%	20.3%	0.0%	64.2%	4.3%	1.3%	7.7%	2.2%
Maine	0.0%	0.0%	0.0%	42.7%	23.8%	5.3%	0.0%	6.7%	20.5%
Maryland	0.0%	24.9%	0.0%	0.0%	22.6%	9.2%	37.2%	1.3%	4.9%
Massachusetts	0.0%	0.0%	0.0%	17.7%	34.2%	9.1%	28.6%	4.5%	5.8%
Michigan	24.8%	0.0%	8.4%	6.0%	17.2%	9.1%	28.3%	6.1%	0.0%
Minnesota	41.3%	0.0%	0.0%	0.0%	34.9%	3.5%	18.8%	1.5%	0.0%
Mississippi	0.0%	14.5%	0.0%	25.4%	15.3%	3.7%	34.5%	1.9%	4.8%
Missouri	18.5%	0.0%	6.5%	0.0%	40.1%	5.2%	24.5%	0.0%	5.2%
Montana	0.0%	0.0%	0.0%	30.7%	39.1%	12.3%	6.3%	0.0%	11.5%
Nebraska	39.1%	0.0%	0.0%	0.0%	35.6%	1.2%	8.3%	12.5%	3.2%
Nevada	0.0%	0.0%	0.0%	0.0%	60.6%	0.0%	39.4%	0.0%	0.0%
New Hampshire	0.0%	0.0%	0.0%	53.9%	14.4%	0.0%	0.0%	17.4%	14.3%
New Jersey	0.0%	16.9%	0.0%	0.0%	36.6%	8.2%	26.4%	8.5%	3.5%
New Mexico	0.0%	26.2%	42.2%	0.0%	17.8%	0.0%	9.6%	4.2%	0.0%
New York	1.7%	0.0%	0.0%	13.1%	33.0%	4.6%	30.7%	12.6%	4.2%
North Carolina	11.3%	9.7%	0.0%	5.0%	25.5%	7.4%	12.2%	26.8%	0.3%
North Dakota	0.0%	0.0%	31.5%	0.0%	26.7%	11.7%	9.9%	14.0%	6.2%
Ohio	26.9%	0.0%	0.0%	33.0%	13.8%	0.9%	12.6%	12.7%	0.2%
Oklahoma	21.2%	0.0%	0.0%	17.9%	12.6%	19.1%	25.2%	1.5%	2.5%
Oregon	0.0%	17.4%	0.0%	16.2%	15.3%	1.6%	17.1%	26.0%	6.5%
Pennsylvania	9.9%	14.8%	10.8%	0.0%	26.7%	4.4%	21.4%	9.3%	2.6%
Rhode Island	0.0%	47.1%	0.0%	0.0%	24.7%	0.0%	28.2%	0.0%	0.0%
South Carolina	0.0%	12.4%	0.0%	24.6%	7.7%	19.0%	2.3%	31.5%	2.5%

institutional data

	Research universities (medical)	Research universities (nonmedical)	Other universities (medical)	Other universities (nonmedical)	Comprehensive institutions	Baccalaureate colleges	2-year colleges (academic)	2-year colleges (occupational)	Other professional institutions
South Dakota	0.0%	0.0%	27.9%	0.0%	32.0%	28.1%	0.0%	0.0%	11.9%
Tennessee	0.0%	22.6%	0.0%	14.1%	32.9%	6.1%	13.4%	9.0%	1.9%
Texas	6.7%	9.5%	0.0%	16.2%	29.3%	0.1%	30.1%	4.5%	3.6%
Utah	41.2%	19.3%	0.0%	0.0%	0.0%	19.4%	6.0%	14.2%	0.0%
Vermont	0.0%	0.0%	64.4%	0.0%	0.0%	26.2%	4.5%	5.0%	0.0%
Virginia	9.7%	12.6%	8.6%	0.0%	25.6%	9.6%	26.5%	7.4%	0.0%
Washington	30.5%	0.0%	0.0%	0.0%	13.3%	1.3%	43.4%	11.5%	0.0%
West Virginia	0.0%	0.0%	35.8%	0.0%	16.4%	34.5%	7.5%	3.3%	2.5%
Wisconsin	21.9%	0.0%	0.0%	11.1%	36.1%	3.8%	4.1%	23.0%	0.0%
Wyoming	0.0%	0.0%	0.0%	56.9%	0.0%	0.0%	43.1%	0.0%	0.0%
U.S. averages:									
Enrollment	12.3%	5.3%	3.4%	10.3%	25.7%	4.6%	29.5%	6.9%	2.0%
State and local appropriations per student	$4,187	$3,383	$3,380	$2,788	$2,423	$2,202	$1,789	$2,095	$10,182
Tuition revenues per student	1,104	1,008	1,160	925	690	732	377	506	1,013

Note: Based on 1978-79 data from the National Center for Education Statistics. In the university categories, "medical" includes dental, osteopathic, and veterinary programs.

SOURCE: NATIONAL INSTITUTE OF EDUCATION

Enrollment at 275 Graduate Schools

	Public institutions		Private institutions		All institutions	
	Fall 1981	1-year change	Fall 1981	1-year change	Fall 1981	1-year change
Total graduate-school enrollment						
Master's-degree-only institutions	90,946	– 5.3%	15,014	– 0.6%	105,960	– 4.7%
Ph.D.-granting institutions	339,950	– 0.9%	125,272	+ 1.6%	465,222	– 0.2%
All institutions	430,896	– 1.8%	140,286	+ 1.4%	571,182	– 1.1%
First-time graduate enrollment						
Master's-degree-only institutions	20,857	– 3.9%	4,006	– 9.5%	24,863	– 4.9%
Ph.D.-granting institutions	79,929	– 1.3%	33,833	– 1.6%	113,762	– 1.4%
All institutions	100,786	– 1.9%	37,839	– 2.5%	138,625	– 2.0%
Applications received						
Master's-degree-only institutions	42,154	– 4.3%	6,339	– 2.8%	48,493	– 4.1%
Ph.D.-granting institutions	238,555	0.0%	125,813	+ 3.5%	364,368	+ 1.2%
All institutions	280,709	– 0.7%	132,152	+ 3.1%	412,861	+ 0.5%
Graduate assistants, services required						
Master's-degree-only institutions	4,822	– 1.0%	420	+14.8%	5,242	+ 0.1%
Ph.D.-granting institutions	66,928	+ 0.1%	20,090	+ 1.0%	87,018	+ 0.3%
All institutions	71,750	0.0%	20,510	+ 1.2%	92,260	+ 0.3%
Graduate fellows, no services required						
All institutions	10,105	– 8.8%	12,921	– 1.2%	23,026	– 4.7%
Average stipends for teaching assistants						
English departments						
Master's-degree-only institutions	$3,376	+ 5.6%	$2,798	+ 4.0%	$3,287	+ 5.4%
Ph.D.-granting institutions	4,253	+ 8.2%	4,377	+22.4%	4,288	+11.9%
All institutions	3,990	+ 7.5%	4,109	+19.9%	4,019	+10.4%
Chemistry departments						
Master's-degree-only institutions	$3,535	+ 5.5%	$2,856	+ 1.9%	$3,434	+ 5.0%
Ph.D.-granting institutions	4,807	+ 9.4%	4,700	+ 9.5%	4,775	+ 9.4%
All institutions	4,478	+ 8.6%	4,469	+ 8.8%	4,476	+ 8.6%
Degrees awarded						
Master's degrees	99,633	– 2.0%	32,898	+ 2.2%	132,531	– 1.0%
Ph.D. degrees	13,787	+ 3.4%	7,145	+ 1.0%	20,932	+ 2.6%

Note: Data are based on reports of 275 institutions, or 76 per cent of the 363 institutions that are members of the Council of Graduate Schools. Data for master's-degree-only institutions do not include master's degrees offered by institutions that also offer doctoral degrees. Data for stipends are based on first-time teaching assistants who commit 20 hours per week to assistantship duties in an English or chemistry department. Because of varying practices among institutions, the data for average stipends may be less reliable than the percentage change in average stipends.

SOURCE: COUNCIL OF GRADUATE SCHOOLS AND GRADUATE RECORD EXAMINATION BOARD

How the States Rank by Female Participation in Athletics, Principalships, and Vocational Education

Athletics *			Principals **			Vocational Education ***		
Percent of high school interscholastic athletes who are female—1980-81			Percent of principals and assistant principals who are female—1980-81			Percent of students in traditionally male vocational courses who are female—1978-79		
Rank	State	Percent	Rank	State	Percent	Rank	State	Percent
1	Iowa	50.59	1	Dist. of Columbia	58.31	1	California	23.41
2	Maine	44.23	2	Maryland	32.01	2	Maryland	20.85
3	New Hampshire	43.68	3	Florida	31.08	3	Washington	20.80
4	Kansas	42.02	4	Virginia	25.12	4	Minnesota	17.65
5	Vermont	41.31	5	California	24.53	5	Massachusetts	17.22
6	New Mexico	41.24	6	Hawaii	23.43	6	Arizona	16.59
7	Texas	40.26	7	Vermont	22.51	7	Iowa	15.52
8	Minnesota	39.01	8	West Virginia	21.30	8	Alaska	15.37
9	Alaska	38.94	9	Louisiana	20.04	9	Hawaii	15.10
10	South Dakota	38.68	10	South Carolina	19.58	10	South Carolina	14.92
11	Illinois	38.48	11	Texas	19.52	11	Wyoming	14.63
12	Dist. of Columbia	38.16	12	Alaska	19.16	12	Oregon	14.14
13	Wyoming	38.01	13	Arkansas	18.15	13	Oklahoma	13.71
14	Colorado	38.00	14	New York	17.44	14	Georgia	13.39
15	New York	37.76	15	Mississippi	17.00	15	Tennessee	13.28
16	Nebraska	37.62	16	Nebraska	16.47	16	Florida	13.27
17	Washington	36.76	17	New Mexico	16.36	17	Kansas	13.21
18	Maryland	36.73	18	Arizona	16.35	18	New York	13.07
19	Massachusetts	36.52	19	Maine	16.07	19	Connecticut	13.03
20	Oklahoma	36.38	20	New Jersey	15.88	20	Michigan	12.97
21	Michigan	35.90	21	Delaware	15.83	21	North Carolina	12.96
22	Wisconsin	35.75	22	North Carolina	15.49	22	Delaware	12.91
23	Missouri	35.72	23	Michigan	15.48	23	Rhode Island	12.82
24	Louisiana	35.66	24	Colorado	15.41	24	Texas	11.80
25	Connecticut	35.57	25	Ohio	14.78	25	West Virginia	10.98
26	North Dakota	35.43	26	Missouri	14.73	26	Utah	10.71
27	Pennsylvania	34.90	27	Rhode Island	13.99	27	Illinois	10.55
28	Arkansas	34.71	28	South Dakota	13.95	28	Nevada	10.14
29	Idaho	34.54	29	Washington	13.80	29	Colorado	9.96
30	Delaware	34.28	30	Oregon	13.55	30	Missouri	9.822
31	Tennessee	33.94	31	New Hampshire	13.29	31	Virginia	9.819
32	Indiana	33.46	32	Oklahoma	13.26	32	Louisiana	9.70
33	Ohio	33.45	33	Montana	12.12	33	New Mexico	9.63
34	California	33.39	34	Idaho	12.06	34	Ohio	9.59
35	New Jersey	32.81	35	Connecticut	11.85	35	Arkansas	9.21
36	Hawaii	32.59	36	Wyoming	11.82	36	Dist. of Columbia	8.87

Athletics *			Principals **			Vocational Education ***		
Percent of high school interscholastic athletes who are female—1980-81			Percent of principals and assistant principals who are female—1980-81			Percent of students in traditionally male vocational courses who are female—1978-79		
Rank	**State**	**Percent**	**Rank**	**State**	**Percent**	**Rank**	**State**	**Percent**
37	Kentucky	32.48	37	Indiana	11.53	37	Wisconsin	8.48
38	Oregon	32.03	38	Wisconsin	11.04	38	Mississippi	8.11
39	Montana	31.56	39	Kentucky	10.56	39	New Hampshire	8.05
40	Florida	31.15	40	Illinois	10.26****	40	New Jersey	7.98
41	Nevada	30.94	41	Pennsylvania	8.57	41	Nebraska	7.97
42	Arizona	30.81	42	Minnesota	8.44	42	North Dakota	7.90
43	Rhode Island	30.78	43	North Dakota	7.53	43	Idaho	7.68
44	Virginia	30.34	44	Iowa	7.33	44	Pennsylvania	7.23
45	Utah	28.12	45	Utah	6.07	45	Vermont	6.54
46	North Carolina	28.00				46	Alabama	6.23
47	Georgia	25.91				47	South Dakota	6.13
48	South Carolina	25.76				48	Indiana	5.95
49	Alabama	24.49				49	Maine	5.66
50	West Virginia	23.45				50	Kentucky	5.47
51	Mississippi	22.93						
	National Average	**35.72**		**National Average**	**17.56**		**National Average**	**13.90**

KEY:

* Data represent the most recent national information available for the categories of athletics, principals, and vocational education.

** The following six states do not report data on school administrators by sex: Alabama, Georgia, Kansas, Massachusetts, Nevada, and Tennessee.

*** Montana did not report vocational education enrollments by sex to the Vocational Education Data System for fall 1978.

**** Does not include Chicago.

SOURCE OF DATA: Athletics: National Federation on State High School Associations, Kansas City, Mo. *Sports Participation Survey* (1978, 1979, 1980, and 1981). Principals: U. S. Department of Education, Office of Education Research and Improvement, National Center for Education Statistics, Washington, D. C. *Statistics of Public Elementary and Secondary Day Schools, 1977-78 School Year (Final), Statistics of Public Elementary and Secondary School Systems, Fall 1979* and unpublished data for fall, 1980. Vocational Education: U. S. Department of Education, Office of Education Research and Improvement, National Center for Education Statistics, Vocational Education Data System, Washington, D. C. Unpublished data, fall 1978.

SOURCE: Project on Equal Education Rights of the N O W LEGAL DEFENSE AND EDUCATION FUND

Changes in Academic Schedules over Ten Years

SOURCE: NATIONAL CENTER FOR EDUCATION STATISTICS

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Changes in Number of Freshman Applicants

March 31, 1982, compared with March 31, 1981

	Change in average (a)	Per cent reporting increase	Per cent reporting decrease	Change		
				Low (b)	Median (c)	High (d)
Private colleges and universities						
Research and Ph.D.-granting	+ 0.3%	47.4%	52.6%	− 5.4%	− 0.6%	+ 4.3%
Comprehensive	− 1.5%	41.2%	58.8%	− 6.8%	− 2.6%	+ 6.2%
Liberal arts	− 2.7%	41.0%	54.2%	−13.7%	− 3.0%	+ 7.1%
Regions						
Northeast and Mid-Atlantic	− 0.6%	45.3%	52.8%	−10.2%	− 1.6%	+ 4.8%
Great Lakes and Plains	− 1.0%	47.3%	49.1%	− 6.1%	− 0.1%	+ 7.2%
Southeast	− 0.5%	34.5%	62.1%	−14.7%	− 5.0%	+ 7.5%
West and Southwest	− 2.6%	33.3%	66.7%	−10.8%	− 6.9%	+ 0.7%
Enrollment						
500 − 999	− 2.8%	43.6%	51.3%	−16.3%	− 2.1%	+10.5%
1,000 − 2,499	− 2.4%	39.7%	57.4%	−12.0%	− 2.6%	+ 5.4%
2,500 − 4,999	− 1.3%	47.8%	52.2%	− 8.0%	− 2.6%	+ 6.7%
5,000 − 9,999	+ 0.8%	47.1%	52.9%	− 3.4%	+ 0.6%	+ 2.3%
10,000 and over	− 0.9%	28.6%	71.4%	− 6.6%	− 4.1%	+ 1.8%
All private	**− 2.3%**	**41.5%**	**54.8%**	**− 9.7%**	**− 1.4%**	**+ 6.0%**
Public colleges and universities						
Research and Ph.D.-granting	+ 3.0%	63.5%	36.5%	− 2.8%	+ 2.8%	+11.2%
Comprehensive	+ 1.4%	58.2%	41.8%	− 8.1%	+ 4.1%	+14.5%
Regions						
Northeast and Mid-Atlantic	+ 6.6%	73.7%	26.3%	− 0.6%	+ 4.7%	+10.6%
Great Lakes and Plains	+ 0.9%	59.0%	41.0%	− 4.7%	+ 3.8%	+ 9.6%
Southeast	− 1.5%	46.4%	53.6%	−11.3%	− 1.0%	+ 5.2%
West and Southwest	+ 3.4%	71.4%	28.6%	− 8.2%	+11.8%	+20.6%
Enrollment						
500 − 2,499	+ 9.1%	70.0%	30.0%	− 6.1%	+ 8.5%	+46.2%
2,500 − 4,999	+ 8.3%	61.5%	38.5%	− 5.7%	+ 2.5%	+17.6%
5,000 − 9,999	− 3.2%	54.2%	45.8%	−10.0%	+ 0.4%	+11.2%
10,000 −19,999	− 1.0%	53.6%	46.4%	− 9.4%	+ 1.2%	+ 4.4%
20,000 and over	+ 5.2%	68.8%	31.3%	− 2.8%	+ 5.3%	+11.4%
All public institutions	**+ 1.8%**	**59.5%**	**40.5%**	**− 5.8%**	**+ 3.3%**	**+11.8%**
All institutions	**− 0.9%**	**47.8%**	**49.8%**	**− 7.8%**	**0.0%**	**+ 8.9%**

(a) Percentage change in mean number of applications by March 31, 1982, compared with the mean for a year earlier.
(b) The bottom one-fourth of the institutions reported smaller increases or larger decreases than the percentage shown.
(c) Half of the institutions reported smaller increases or larger decreases than the percentage shown.
(d) The top one-fourth of the institutions reported larger increases than the percentage shown.
Note: Survey data are from a stratified random sample of 262 four-year colleges and universities, excluding those with enrollment under 500.

SOURCE: SURVEY FOR THE CHRONICLE BY JOHN MINTER AND ASSOCIATES

Enrollment Changes at Private Institutions for Fall of 1981 Compared with Fall of 1980

	Freshman	Undergraduate	Professional	Graduate	Total
Type of institution					
Research and Ph.D.-granting	− 9.1%	+ 0.8%	+ 1.2%	+ 0.8%	+ 0.8%
Comprehensive	− 1.3%	+ 1.4%	+ 2.9%	+ 1.9%	+ 1.1%
Selective liberal arts	− 2.1%	+ 10.0%	—	− 0.7%	− 0.7%
Less-selective liberal arts	− 1.2%	+ 4.8%	—	+ 4.2%	+ 0.8%
2 year	− 1.7%	− 7.9%	—	—	− 2.9%
Professional and specialized	+ 2.4%	+ 7.6%	+ 3.5%	+ 4.7%	+ 4.0%
Region					
North Central	− 4.6%	− 0.6%	+ 1.9%	− 0.3%	− 0.2%
Mid-Atlantic	− 1.2%	+ 5.0%	+ 2.1%	+ 3.3%	+ 1.0%
Northeast	+ 1.0%	+ 1.4%	+ 3.5%	+ 0.9%	+ 1.5%
South	− 3.8%	+ 7.6%	+ 4.7%	+ 5.4%	+ 2.3%
West, Southwest	− 0.7%	+ 1.0%	+ 1.4%	+ 3.0%	+ 1.4%
Total	**− 2.0%**	**+ 2.9%**	**+ 2.8%**	**+ 1.9%**	**+ 1.1%**

Note: Based on data from 634 colleges and universities, weighted to represent enrollment in all private institutions.

SOURCE: NATIONAL INSTITUTE OF INDEPENDENT COLLEGES AND UNIVERSITIES

Estimated College Enrollment in Fall, 1981

Public institutions

	Universities			Other 4-year institutions		
	Fall 1980 (actual)	Fall 1981 (estimated)	Change	Fall 1980 (actual)	Fall 1981 (estimated)	Change
Full-time students						
Men	908,158	914,715	+ 0.7%	966,813	965,205	− 0.2%
Women	742,028	758,814	+ 2.3%	978,356	984,254	+ 0.6%
Total	1,650,186	1,673,529	+ 1.4%	1,945,169	1,949,459	+ 0.2%
Part-time students						
Men	235,079	230,263	− 2.0%	450,257	442,540	− 1.7%
Women	263,647	259,462	− 1.6%	588,423	575,228	− 2.2%
Total	498,726	489,725	− 1.8%	1,038,680	1,017,768	− 2.0%
Total enrollment						
Men	1,143,237	1,144,978	+ 0.2%	1,417,070	1,407,745	− 0.7%
Women	1,005,675	1,018,276	+ 1.3%	1,566,779	1,559,482	− 0.5%
Total	2,148,912	2,163,254	+ 0.7%	2,963,849	2,967,227	− 0.6%

Private institutions

	Universities			Other 4-year institutions		
	Fall 1980 (actual)	Fall 1981 (estimated)	Change	Fall 1980 (actual)	Fall 1981 (estimated)	Change
Full-time students						
Men	302,897	303,112	+ 0.1%	634,925	618,398	− 2.6%
Women	220,011	223,385	+ 1.5%	596,409	604,321	+ 1.3%
Total	522,908	526,497	+ 0.7%	1,231,338	1,222,719	− 0.7%
Part-time students						
Men	108,179	104,716	− 3.2%	224,987	226,778	+ 0.8%
Women	104,377	102,759	− 1.6%	253,213	264,333	+ 4.4%
Total	212,556	207,475	− 2.4%	478,200	491,111	+ 2.7%
Total enrollment						
Men	411,076	407,828	− 0.8%	859,916	845,176	− 1.7%
Women	324,388	326,144	+ 0.5%	849,622	868,654	+ 2.2%
Total	735,464	733,972	− 0.2%	1,709,538	1,713,830	+ 0.3%

All institutions, public and private

	Universities			Other 4-year institutions		
	Fall 1980 (actual)	Fall 1981 (estimated)	Change	Fall 1980 (actual)	Fall 1981 (estimated)	Change
Full-time students						
Men	1,211,055	1,217,827	+ 0.6%	1,601,742	1,583,603	− 1.1%
Women	962,039	982,199	+ 2.1%	1,574,765	1,588,575	+ 0.9%
Total	2,173,094	2,200,026	+ 1.2%	3,176,507	3,172,178	− 0.1%
Part-time students						
Men	343,258	334,979	− 2.4%	675,244	669,318	− 0.9%
Women	368,024	362,221	− 1.6%	841,636	839,561	− 0.2%
Total	711,282	697,200	− 2.0%	1,516,880	1,508,879	− 0.5%
Total enrollment						
Men	1,554,313	1,552,806	− 0.1%	2,276,986	2,252,921	− 1.1%
Women	1,330,063	1,344,420	+ 1.1%	2,416,401	2,428,136	+ 0.5%
Total	2,884,376	2,897,226	+ 0.4%	4,693,387	4,681,057	− 0.3%

Note: Estimates for 1981 are based on data from a sample of 943 institutions.

Public institutions

	2-year institutions			All public institutions		
	Fall 1980 (actual)	Fall 1981 (estimated)	Change	Fall 1980 (actual)	Fall 1981 (estimated)	Change
Full-time students						
Men	810,297	841,400	+ 3.8%	2,685,268	2,721,320	+ 1.3%
Women	782,034	821,816	+ 5.1%	2,502,418	2,564,884	+ 2.5%
Total	1,592,331	1,663,216	+ 4.5%	5,187,686	5,286,204	+ 1.9%
Part-time students						
Men	1,151,983	1,200,802	+ 4.2%	1,837,319	1,873,605	+ 2.0%
Women	1,580,319	1,662,376	+ 5.2%	2,432,389	2,497,066	+ 2.7%
Total	2,732,302	2,863,178	+ 4.8%	4,269,708	4,370,671	+ 2.4%
Total enrollment						
Men	1,962,280	2,042,202	+ 4.1%	4,522,587	4,594,925	+ 1.6%
Women	2,362,353	2,484,192	+ 5.2%	4,934,807	5,061,950	+ 2.6%
Total	4,324,633	4,526,394	+ 4.7%	9,457,394	9,656,875	+ 2.1%

Private institutions

	2-year institutions			All private institutions		
	Fall 1980 (actual)	Fall 1981 (estimated)	Change	Fall 1980 (actual)	Fall 1981 (estimated)	Change
Full-time students						
Men	66,150	77,535	+17.2%	1,003,976	999,045	− 0.5%
Women	89,876	96,870	+ 7.8%	906,296	924,576	+ 2.0%
Total	156,026	174,405	+11.8%	1,910,272	1,923,621	+ 0.7%
Part-time students						
Men	14,645	16,685	+13.9%	347,811	348,179	+ 0.1%
Women	23,828	26,702	+12.1%	381,418	393,794	+ 3.2%
Total	38,473	43,387	+12.8%	729,229	741,973	+ 1.7%
Total enrollment						
Men	80,795	94,220	+16.6%	1,351,787	1,347,224	− 0.3%
Women	113,704	123,572	+ 8.7%	1,287,714	1,318,370	+ 2.4%
Total	194,499	217,792	+12.0%	2,639,501	2,665,594	+ 1.0%

All institutions, public and private

	2-year institutions			All institutions		
	Fall 1980 (actual)	Fall 1981 (estimated)	Change	Fall 1980 (actual)	Fall 1981 (estimated)	Change
Full-time students						
Men	876,447	918,935	+ 4.8%	3,689,244	3,720,365	+ 0.8%
Women	871,910	918,686	+ 5.4%	3,408,714	3,489,460	+ 2.4%
Total	1,748,357	1,837,621	+ 5.1%	7,097,958	7,209,825	+ 1.6%
Part-time students						
Men	1,166,628	1,217,487	+ 4.4%	2,185,130	2,221,784	+ 1.7%
Women	1,604,147	1,689,078	+ 5.3%	2,813,807	2,890,860	+ 2.7%
Total	2,770,775	2,906,565	+ 4.9%	4,998,937	5,112,644	+ 2.3%
Total enrollment						
Men	2,043,075	2,136,422	+ 4.6%	5,874,374	5,942,149	+ 1.2%
Women	2,476,057	2,607,764	+ 5.3%	6,222,521	6,380,320	+ 2.5%
Total	4,519,132	4,744,186	+ 5.0%	12,096,895	12,322,469	+ 1.9%

SOURCE: NATIONAL CENTER FOR EDUCATION STATISTICS

Adult-Education Students

Number of registrations in noncredit courses, 1979-80

Subject area	Universities	Other 4-year	2-year	Public	Private	All institutions
Agriculture and natural resources	215,685	31,048	75,122	320,099	1,756	321,855
Architecture and environmental design	14,215	5,351	12,179	24,959	6,786	31,745
Area studies	8,720	7,435	47,500	58,142	5,513	63,655
Biological sciences	18,829	19,811	13,534	47,597	4,577	52,174
Business and management						
Accounting	25,161	15,927	32,032	59,154	13,966	73,120
Investments and securitiesLN	19,918	20,889	45,240	69,374	16,673	86,047
Marketing and purchasing	17,853	8,935	12,127	30,462	8,453	38,915
Real estate	55,668	36,148	102,951	165,081	29,686	194,767
Other	321,101	176,711	318,319	733,443	82,688	816,131
Communications	33,257	48,036	73,872	125,831	29,334	155,165
Computer and information sciences	12,788	21,114	21,312	40,389	14,825	55,214
Education	342,145	155,524	324,395	696,783	125,281	822,064
Engineering	160,918	57,984	45,023	243,897	20,028	263,925
Fine and applied arts						
Art	26,422	44,580	257,713	294,424	34,291	328,715
Music	34,110	60,269	98,296	171,279	21,396	192,675
Dance and drama	21,525	59,848	248,898	305,596	24,673	330,271
Other	37,092	113,238	301,605	393,063	58,872	451,935
Foreign languages	25,489	43,153	83,851	123,082	29,411	52,493
Health professions						
Nursing	121,677	112,972	57,303	224,765	67,187	291,952
Medicine	294,727	306,324	2,160	365,792	237,419	603,211
Other	223,374	191,546	308,923	637,115	86,728	723,843
Home economics	82,244	53,957	514,010	623,423	26,788	650,211
Interdisciplinary studies						
Women's studies	36,978	24,677	44,508	73,783	32,380	106,163
Civic and community affairs	58,590	57,411	128,807	225,192	19,616	
Other	64,345	11,470	28,762	85,855	18,722	244,808
Law	72,606	23,241	36,111	98,327	33,631	131,958
Letters	46,596	38,157	51,911	106,736	29,928	136,664
Library science	7,560	1,356	3,289	10,667	1,538	12,205
Mathematics	7,736	21,683	19,204	44,377	4,246	48,623
Military sciences	263	202	2,386	2,844	7	2,851
Occupational technologies						
Business and commerce	52,563	21,664	276,508	338,743	11,692	350,435
Data processsing	5,317	3,319	32,101	34,508	6,229	40,737
Health and paramedical	38,618	28,846	355,429	385,882	37,011	422,893
Mechanical and engineering	20,386	36,521	421,036	466,842	11,101	477,943
Natural science	13,134	33,601	105,485	143,291	8,929	152,220
Public-service-related	46,980	52,949	132,791	226,276	6,444	232,720
Other	337	325	6,926	7,588	0	7,588
Physical education and avocational instruction						
Hobbies	5,996	30,321	226,775	250,147	12,945	263,092
Physical fitness	50,994	34,934	349,048	397,582	37,394	434,976
Sports	82,689	30,844	286,927	374,791	25,669	400,460
Other	10,370	8,328	144,046	157,351	5,393	162,744

Adult Education (Cont.)

Subject area	Universities	Other 4-year	2-year	Public	Private	All institutions
Physical sciences	22,766	13,374	24,297	55,950	4,487	60,437
Psychology	41,053	36,733	111,225	159,721	29,290	189,011
Public affairs and services	176,043	72,463	91,007	322,898	16,615	339,513
Social sciences	60,644	136,670	70,686	243,507	24,493	268,000
Theology	53,318	33,080	8,764	25,575	69,587	95,162
Other subject areas	41,923	5,139	8,299	39,998	15,363	55,361
Total	**3,154,100**	**2,393,802**	**5,738,320**	**10,831,664**	**1,454,558**	**12,286,222**

Note: Data are from a 1980 survey based on a stratified sample of 500 colleges and universities.

SOURCE: NATIONAL CENTER FOR EDUCATION STATISTICS

Language Enrollments, Fall 1980

	Undergraduate	Graduate	Total	Change since 1977
Arabic	3,056	410	3,466	+12.9%
Chinese	10,746	620	11,366	+15.9%
French	242,709	5,652	248,361	+ 0.9%
German	122,364	4,546	126,910	− 6.2%
Greek (ancient)	17,288	4,823	22,111	−14.4%
Hebrew	15,303	4,126	19,429	+ 0.4%
Italian	33,958	833	34,791	+ 4.4%
Japanese	11,130	376	11,506	+ 7.3%
Latin	24,250	785	25,035	+ 2.6%
Portuguese	4,599	295	4,894	− 1.2%
Russian	22,750	1,237	23,987	−13.7%
Spanish	371,958	7,421	379,379	+ 0.7%
Other	12,530	1,072	13,602	−15.1%
Total	892,641	32,196	924,837	− 0.9%

Note: Based on returns from 835 two-year institutions and 1,506 four-year institutions reporting enrollments in one or more foreign languages.

Registrations in other languages

Afrikaans	5	Lithuanian	47
Akkadian	95	Malay-Indonesian	14
Albanian	2	Malayalam	4
Amharic	9	Marathi	6
Aramaic	142	Mende	2
Armenian	231	Mongolian	13
Assyrian	2	Mongolian (classical)	7
Aymara	5	Navajo	225
Azeri	5	Nepali	6
Balinese	1	Norwegian	1,616
Bambara	6	Ojibway	84
Basque	21	Pali	24
Bengali	18	Persian	703
Bulgarian	2	Polish	1,268
Burmese	1	Quechua	30
Cambodian	4	Rumanian	187
Cantonese	39	Samoan	18
Catalan	19	Sanskrit	218
Chagatai	2	Serbo-Croatian	182
Cherokee	29	Shona	13
Coptic	12	Sinhala	2
Creole, Haitian	13	Slavonic (O.C.)	44
Crow	16	Slovak	21
Czech	151	Slovenian	21
Dakota	99	Sumerian	15
Danish	293	Swahili	576
Dutch	500	Swedish	1,575
Egyptian	44	Syriac	50
Estonian	4	Tagalog	263
Finnish	152	Tahitian	9
Fon	1	Tamil	25
Fulani	3	Tartar	1
Gaelic	15	Telegu	9
Georgian	5	Thai	80
Greek (modern)	820	Tibetan	56
Hausa	70	Tlingit	5
Hawaiian	610	Tongan	11
Hindi	198	Tuamotuan	2
Hindi-Urdu	76	Turkic	22
Hittite	6	Turkish	147
Hungarian	98	Turkish (Ottoman)	5
Ibo	5	Tuvin	3
Icelandic	8	Ugaritic	22
Icelandic (old)	23	Ukrainian	111
Ilokano	17	Urdu	23
Indonesian	113	Uzbek	12
Iranian	20	Vedic	1
Irish	13	Vietnamese	74
Javanese	9	Welsh	8
Kikongo	1	Wolof	51
Korean	365	Xhosa	1
Krio	24	Yiddish	944
Lakota	67	Yoruba	127
Lao	2	Yupic	85
Latvian	1	Zulu	41
Lingala	1		

SOURCE: MODERN LANGUAGE ASSOCIATION

Freshmen Characteristics and Attitudes

Characteristics

Age by December 31,1981:

16 or younger	0.1%
17	2.5%
18	74.1%
19	18.8%
20	1.9%
21	0.7%
22	0.4%
23-25	0.7%
26-29	0.4%
30 or older	0.6%

Racial background:

White/Caucasian	88.5%
Black/Negro/ Afro-American	8.6%
American Indian	1.0%
Oriental	1.1%
Mexican-American/ Chicano	0.9%
Puerto Rican-American	0.6%
Other	1.5%

Average grade in high school:

A or A+	9.2%
A-	11.4%
B+	19.3%
B	26.7%
B-	14.2%
C+	11.8%
C	7.1%
D	0.3%

Academic rank in high school:

Top 20%	39.2%
Second 20%	23.6%
Middle 20%	30.4%
Fourth 20%	6.0%
Lowest 20%	0.8%

Year graduated from high school:

1981	93.8%
1980	2.7%
1979	0.7%
1978 or earlier	1.7%
H. S. equivalency (G. E. D. test)	0.7%
Never completed high school	0.3%

Marital status:

Not presently married	98.7%
Married, living with spouse	1.1%
Married, not living with spouse	0.3%

Veteran:

No	98.7%
Yes	1.3%

High school program: (not in this year's study)

College preparatory	86.3%
Other	13.7%

Type of high school:(not in this yr's study)

Public	86.2%
Private:	
Nondenominational	3.2%
Roman Catholic	9.4%
Jewish	0.1%
Other religious	1.2%

Have had remedial work in:

English	5.2%
Reading	5.1%
Mathematics	7.0%
Social studies	3.9%
Science	3.8%
Foreign language	3.1%

Will need remedial work in:

English	11.6%
Reading	4.7%
Mathematics	21.4%
Social studies	2.6%
Science	9.0%
Foreign language	7.6%

Disabled:

No	94.3%
Yes	5.7%

Type of disability:

Hearing	8.9%
Speech	2.1%
Visual	48.9%
Orthopedic	13.6%
Learning disability	5.2%
Health related	12.4%
Other	6.5%

Does disability require architectural accommodations:

No	98.3%
Yes	1.7%

Residence planned during fall term:

With parents, relatives	30.3%
Other private home or apartment	5.9%
College dormitory	60.6%
Fraternity/sorority house	0.7%
Other campus housing	1.7%
Other	0.8%

Residence preferred during fall term:

With parents or relatives	18.5%
Other private home or apartment	24.7%
College dormitory	45.8%
Fraternity/sorority house	4.9%
Other campus housing	4.0%
Other	2.3%

Current religious preference:

Jewish	3.0%
Protestant	35.4%
Roman Catholic	37.0%
Other	17.3%
None	7.3%

Are you a reborn Christian:

No	73.7%
Yes	26.3%

Father's religious preference:

Jewish	3.4%
Protestant	37.4%
Roman Catholic	36.1%
Other	16.6%
None	6.6%

Father's occupation:

Artist (incl. performer)	0.8%
Businessman	29.0%
Clergy or religious worker	1.1%
College teacher or admin.	0.9%
Doctor or dentist	2.2%
Educator (secondary)	3.6%
Educator (elementary)	0.6%
Engineer	8.8%
Farmer or forester	4.4%
Health professional (non-M.D.)	1.3%
Lawyer	1.5%
Military career	1.9%
Research scientist	0.6%
Skilled worker	11.0%
Semi-skilled worker	4.9%
Laborer (unskilled)	3.2%
Unemployed	2.1%
Other occupation	21.9%

Father's education:

Grammar school or less	5.1%
Some high school	10.5%
High school graduate	29.2%
Postsecondary other than college	4.5%
Some college	13.4%
College degree	20.1%

Father's Education (cont.)	
Some graduate school	2.4%
Graduate degree	14.9%
Mother's religious preference:	
Jewish	3.3%
Protestant	38.1%
Roman Catholic	37.7%
Other	17.3%
None	3.6%
Mother's occupation:	
Artist (incl. performer)	1.3%
Businesswoman	9.8%
Business (clerical)	11.3%
Clergy or religious worker	0.1%
College teacher or admin.	0.3%
Doctor or dentist	0.2%
Educator (secondary)	3.2%
Educator (elementary)	5.8%
Engineer	0.1%
Farmer or forester	0.4%
Health professional (non-M.D.)	1.7%
Homemaker (full-time)	23.2%
Lawyer	0.1%
Nurse	7.5%
Research scientist	0.1%
Social, welfare, rec. worker	1.2%
Skilled worker	1.9%
Semi-skilled worker	3.5%
Laborer (unskilled)	2.3%
Unemployed	8.5%
Other occupation	17.4%
Mother's education:	
Grammar school or less	3.1%
Some high school	8.7%
High school graduate	41.7%
Postsecondary other than college	6.7%
Some college	14.5%
College degree	16.7%
Some graduate school	2.1%
Graduate degree	6.4%
Number of older brothers:	
None	44.2%
One	32.7%
Two	14.2%
Three or more	8.9%
Number of older sisters:	
None	45.7%
One	32.2%
Two	13.7%
Three or more	8.4%
Number of younger brothers:	
None	48.4%
One	36.8%
Two	11.2%
Three or more	3.6%
Number of younger sisters:	
None	49.9%
One	36.4%
Two	10.5%
Three or more	3.3%
Students estimate chances are very good that they will:	
Change major field	12.1%
Change career choice	11.5%
Fail one or more courses	1.7%
Graduate with honors	11.2%
Be elected to student office	2.8%
Get a job to pay college expenses	40.7%
Join a social fraternity or sorority	18.7%
Live in a coeducational dorm	28.8%
Be elected to an honor society	7.4%
Make at least a "B" average	40.6%
Need extra time to complete degree	5.6%
Need tutoring in some courses	9.8%
Work at outside job	23.4%
Seek vocational counseling	6.1%
Seek individ. counseling	4.1%
Get a bachelor's degree	64.8%
Participate in student protests	3.7%
Drop out temporarily	1.3%
Drop out permanently	1.0%
Transfer to another college	11.1%
Be satisfied with college	55.8%
Find a job in a preferred field	70.8%
Marry while in college	5.1%
Marry within a year after college	17.2%
Number of other colleges applied to for admission this year:	
None	38.0%
One	18.0%
Two	17.2%
Three	13.3%
Four	6.6%
Five	3.4%
Six or more	3.6%
Number of other college acceptances this year:	
None	19.6%
One	30.8%
Two	24.3%
Three	14.8%
Four	6.1%
Five	2.3%
Six or more	2.1%
College attended is student's:	
First choice	74.5%
Second choice	19.4%
Third choice	4.2%
Less than third choice	1.8%
Distance from home to college:	
5 miles or less	9.1%
6-10 miles	10.5%
11-50 miles	25.1%
51-100 miles	16.6%
101-500 miles	30.8%
More than 500 miles	7.9%
Reasons noted as very important in deciding to go to college:	
Parents' wishes	32.5%
Could not find job	5.8%
Wanted to get away from home	9.5%
Able to get a better job	76.3%
Gain general education	67.4%
Improve reading-study skills	39.7%
Nothing better to do	2.3%
Become a more cultured person	33.5%
Able to make more money	67.9%
Learn more about things	73.3%
Meet new, interesting people	55.4%
Prepare for graduate school	45.4%
Reasons noted as very important in selecting college attended:	
Relatives' wishes	6.6%
Teacher's advice	4.1%
Good academic reputation	53.0%
Offered financial assistance	15.4%
Advice of former student	14.8%
Offers special programs	26.6%
Low tuition	17.7%
Advice of guidance counselor	7.6%
Wanted to live at home	10.5%
Friend's suggestion	7.2%
College recruited him	4.6%
Not accepted elsewhere	2.7%
Highest degree planned at college attended:	
None	4.6%
Associate (or equiv.)	27.7%
Bachelor's (B.A., B.S.)	51.2%
Master's (M.A., M.S.)	10.6%
Ph.D. or Ed.D.	1.4%

Highest degree planned at college attended (cont.)	
M.D., D.O., D.D.S., or D.V.M.	1.3%
L.L.B. or J.D.	0.9%
B.D. or M.Div.	0.3%
Other	1.9%
Highest degree planned anywhere:	
None	2.1%
Associate (or equiv.)	8.4%
Bachelor's (B.A., B.S.)	37.8%
Master's (M.A., M.S.)	31.0%
Ph.D. or Ed.D.	7.9%
M.D., D.O., D.D.S., or D.V.M.	5.9%
L.L.B. or J.D.	4.0%
B.D. or M.Div.	0.5%
Other	2.3%
Probable field of study:	
Accounting	5.8%
Aeronautical engineering	1.2%
Agriculture	2.6%
Anthropology	0.1%
Architecture, urban planning	0.8%
Art, fine and applied	2.2%
Arts and humanities (misc.)	0.6%
Astronomy	0.1%
Atmospheric science	0.1%
Biochemistry or biophysics	0.4%
Biological sciences (misc.)	0.6%
Biology (general)	1.6%
Botany	0.1%
Building trades	0.3%
Business (misc.)	1.3%
Business admin. (general)	7.4%
Business education	0.2%
Chemical engineering	1.2%
Chemistry	0.8%
Civil engineering	1.1%
Communications	2.1%
Computer science	3.5%
Data-processing, computer programming	3.0%
Drafting or design	0.7%
Earth science	0.3%
Economics	0.4%
Education (misc.)	0.4%
Electrical or electronic engr.	3.6%
Electronics	0.8%
Elementary education	2.6%
Engineering (misc.)	2.0%
English	0.9%
Finance	0.7%
Foreign language	0.5%
Geography	0.0%
Health technology	1.6%
History	0.6%
Home economics	0.5%
Industrial engineering	0.5%
Forestry	0.9%
Journalism	1.6%
Law enforcement	1.1%
Library or archival science	0.0%
Management	4.2%
Marine-life science	0.4%
Marine science	0.2%
Marketing	1.9%
Mathematics	0.6%
Mechanical engineering	2.4%
Mechanics	0.6%
Microbiology or bacteriology	0.2%
Military science	0.1%
Music	1.3%
Music or art education	0.3%
Nursing	3.8%
Pharmacy	0.4%
Philosophy	0.1%
Physical education	1.5%
Physical sciences (misc.)	0.2%
Physics	0.4%
Political science	1.9%
Pre-dental, pre-medical, pre-veterinary	3.0%
Professional (misc.)	1.4%
Psychology	2.2%
Secondary education	0.7%
Secretarial studies	2.4%
Social work	1.1%
Social sciences (misc.)	0.2%
Sociology	0.3%
Special education	1.4%
Speech	0.1%
Statistics	0.0%
Theater and drama	0.7%
Theology and religion	0.3%
Therapy	1.8%
Zoology	0.4%
Other fields	1.3%
Other technical fields	0.6%
Undecided	4.7%
Probable career occupation:	
Accountant or actuary	5.5%
Actor or entertainer	0.9%
Architect or urban planner	1.3%
Artist	1.8%
Business (clerical)	2.1%
Business executive	10.2%
Business proprietor	2.8%
Business salesperson or buyer	1.1%
Clergy (minister or priest)	0.3%
Clergy (misc.)	0.2%
Clinical psychologist	0.9%
College teacher	0.2%
Computer programmer or analyst	6.9%
Conservationist or forester	1.3%
Dentist	0.7%
Dietitian or home economist	0.4%
Educator (elementary)	3.5%
Educator (secondary)	2.0%
Engineer	10.9%
Farmer or rancher	1.5%
Foreign service worker	0.5%
Homemaker (full-time)	0.2%
Interior decorator	0.5%
Interpreter	0.2%
Journalist or writer	2.2%
Lab technician or hygienist	1.2%
Law enforcement officer	0.9%
Lawyer or judge	3.9%
Military service	1.0%
Musician	1.2%
Nurse	3.9%
Optometrist	0.2%
Pharmacist	0.4%
Physician	3.4%
Research scientist	1.6%
School counselor	0.2%
Social, welfare, or rec. worker	1.5%
Statistician	0.1%
Therapist	2.1%
Veterinarian	1.2%
Skilled trades	1.7%
Other occupation	7.2%
Undecided	10.1%
Estimated parental income:	
Less than $4,000	3.3%
$4,000-$5,999	2.4%
$6,000-$7,999	2.7%
$8,000-$9,999	3.2%
$10,000-$12,499	6.1%
$12,500-$14,999	5.7%
$15,000-$19,999	10.5%
$20,000-$24,999	15.2%
$25,000-$29,999	11.5%
$30,000-$34,999	10.5%
$35,000-$39,999	7.9%
$40,000-$49,999	9.0%
$50,000-$99,999	9.2%
$100,000 or more	2.7%
Persons currently dependent on parents for support:	
One	5.4%
Two	10.0%
Three	20.6%
Four	26.7%
Five	21.7%
Six or more	15.6%

Number of other dependents currently attending college:

None	65.6%
One	24.9%
Two	6.8%
Three or more	2.7%

Concern about financing college:

No concern	32.4%
Some concern	51.5%
Major concern	16.0%

Support from parental aid:

None	30.8%
$1-$499	18.9%
$500-$999	10.5%
$1,000-$1,499	8.3%
$1,500-$2,000	7.5%
Over $2,000	24.0%

Support from spouse:

None	99.1%
$1-$499	0.5%
$500-$999	0.2%
$1,000-$1,499	0.1%
$1,500-$2,000	0.1%
Over $2,000	0.2%

Support from basic educational opportunity grant:

None	74.0%
$1-$499	8.6%
$500-$999	7.9%
$1,000-$1,499	5.1%
$1,500-$2,000	2.8%
Over $2,000	1.6%

Basic educational opportunity grant:

Heard of the program	64.2%
Applied for aid	42.7%
Qualified for aid	26.9%

Support from supplemental educational opportunity grant:

None	94.3%
$1-$499	2.5%
$500-$999	1.8%
$1,000-$1,499	0.9%
$1,500-$2,000	0.4%
Over $2,000	0.1%

Support from state scholarship or grant:

None	86.2%
$1-$499	6.7%
$500-$999	3.7%
$1,000-$1,499	1.9%
$1,500-$2,000	0.9%
Over $2,000	0.6%

Support from college grant:

None	88.6%
$1-$499	3.8%
$500-$999	2.7%
$1,000-$1,499	1.9%
$1,500-$2,000	1.1%
Over $2,000	1.9%

Support from college work-study grant:

None	88.0%
$1-$499	4.3%
$500-$999	5.1%
$1,000-$1,499	2.2%
$1,500-$2,000	0.4%
Over $2,000	0.1%

Support from personal G.I. benefits:

None	99.3%
$1-$499	0.2%
$500-$999	0.1%
$1,000-$1,499	0.1%
$1,500-$2,000	0.1%
Over $2,000	0.2%

Support from parent's G.I. benefits:

None	99.0%
$1-$499	0.4%
$500-$999	0.2%
$1,000-$1,499	0.1%
$1,500-$2,000	0.1%
Over $2,000	0.2%

Support from other private grants:

None	93.2%
$1-$499	3.3%
$500-$999	1.7%
$1,000-$1,499	0.9%
$1,500-$2,000	0.5%
Over $2,000	0.5%

Support from full-time employment:

None	98.0%
$1-$499	0.9%
$500-$999	0.5%
$1,000-$1,499	0.2%
$1,500-$2,000	0.1%
Over $2,000	0.3%

Support from part-time employment:

None	76.4%
$1-$499	15.7%
$500-$999	5.2%
$1,000-$1,499	1.6%
$1,500-$2,000	0.5%
Over $2,000	0.6%

Support from summer work:

None	56.5%
$1-$499	21.9%
$500-$999	12.3%
$1,000-$1,499	5.7%
$1,500-$2,000	2.0%
Over $2,000	1.6%

Support from other savings:

None	81.0%
$1-$499	11.8%
$500-$999	3.4%
$1,000-$1,499	1.7%
$1,500-$2,000	0.8%
Over $2,000	1.4%

Support from federal guaranteed student loan:

None	73.7%
$1-$499	1.6%
$500-$999	2.3%
$1,000-$1,499	3.4%
$1,500-$2,000	4.7%
Over $2,000	14.4%

Federal guaranteed student loan:

Heard of program	43.8%
Applied for aid	20.9%
Qualified for aid	19.1%

Support from college loan:

None	96.3%
$1-$499	0.7%
$500-$999	0.7%
$1,000-$1,499	0.6%
$1,500-$2,000	0.5%
Over $2,000	1.0%

Support from national direct student loan:

None	92.4%
$1-$499	1.6%
$500-$999	2.0%
$1,000-$1,499	1.5%
$1,500-$2,000	0.9%
Over $2,000	1.5%

Support from other loan:

None	95.8%
$1-$499	0.6%
$500-$999	0.7%
$1,000-$1,499	0.7%
$1,500-$2,000	0.7%
Over $2,000	1.5%

Support from social security benefits:

None	94.2%
$1-$499	2.5%
$500-$999	1.0%
$1,000-$1,499	0.8%
$1,500-$2,000	0.5%
Over $2,000	0.9%

Other sources of support:

None	96.3%
$1-$499	1.5%
$500-$999	0.5%
$1,000-$1,499	0.3%
$1,500-$2,000	0.2%
Over $2,000	1.1%

Attitudes

	All institutions			4-year colleges			
	Men	Women	Total	Public	Pvt., non-sectarian	Protestant	Catholic
Student's political views:							
Far left	1.9%	1.4%	1.6%	1.8%	1.6%	1.5%	1.3%
Liberal	18.1%	18.1%	18.1%	17.8%	22.2%	17.0%	17.4%
Middle-of-the-road	55.0%	64.0%	59.6%	60.1%	53.3%	53.2%	61.0%
Conservative	23.5%	15.9%	19.6%	19.4%	21.7%	27.2%	19.4%
Far right	1.6%	0.6%	1.1%	1.0%	1.2%	1.1%	0.9%
Student agrees strongly or somewhat that:							
Government isn't controlling pollution	73.2%	81.8%	77.6%	78.2%	79.6%	77.2%	78.7%
Government isn't protecting consumer	65.7%	74.8%	70.4%	71.5%	69.8%	68.4%	69.2%
Federal government discourages energy use	76.5%	83.1%	79.9%	80.3%	81.2%	80.4%	80.7%
Courts are too concerned with rights of criminals	74.2%	64.2%	69.1%	68.7%	67.3%	70.2%	67.3%
Money is needed to solve urban problems	46.5%	45.9%	46.2%	46.2%	45.7%	44.6%	46.9%
People should not obey laws that violate their beliefs	35.3%	30.0%	32.5%	31.3%	32.6%	31.5%	30.6%
Inflation is the country's biggest domestic problem	76.0%	81.3%	78.7%	79.4%	75.5%	76.4%	77.5%
The death penalty should be abolished	24.7%	35.2%	30.1%	29.6%	32.1%	30.7%	37.5%
Government should provide a national health care plan	51.7%	57.8%	54.8%	56.8%	53.6%	48.2%	55.8%
An energy shortage is causing a depression	79.8%	82.4%	81.2%	82.0%	82.1%	81.0%	80.3%
Abortion should be legalized	53.0%	54.7%	53.9%	55.2%	59.0%	41.9%	31.9%
Women should be subject to the draft	66.4%	36.6%	51.0%	49.7%	53.5%	43.9%	47.2%
Large families should be discouraged	47.1%	37.2%	42.0%	41.6%	42.7%	41.5%	27.3%
Divorce laws should be liberalized	47.3%	41.2%	44.2%	45.1%	43.4%	29.8%	32.0%
It is all right for people who like each other to have sex	62.8%	32.2%	47.0%	46.0%	48.3%	29.3%	32.5%
Women should have job equality	88.6%	96.6%	92.7%	93.4%	94.2%	92.7%	93.9%
The wealthy should pay a larger share of taxes	71.3%	70.8%	71.0%	73.1%	67.8%	69.8%	69.5%
Marijuana should be legalized	36.3%	31.9%	34.0%	32.7%	34.9%	21.4%	26.9%
Students should help evaluate faculty	70.1%	70.3%	70.2%	69.8%	72.1%	70.4%	70.1%
College grades should be abolished	17.4%	13.2%	15.3%	14.8%	14.2%	13.7%	14.0%
Student publications should be regulated	40.0%	42.9%	41.5%	42.9%	37.1%	48.4%	40.9%
College has the right to ban speakers	28.3%	24.5%	26.4%	26.2%	23.1%	32.1%	25.1%
The disadvantaged should get preferential treatment	37.7%	36.8%	37.2%	38.3%	35.0%	39.8%	34.8%
Public colleges should adopt open admissions	34.5%	32.8%	33.6%	31.3%	28.7%	31.5%	31.9%
The same degree standard should be used for all	89.6%	91.4%	90.6%	91.1%	92.4%	92.3%	92.2%
Objectives student considers essential or very important:							
Achieving in a performing art	10.2%	12.7%	11.5%	12.6%	13.9%	14.3%	11.0%
Becoming an authority in one's field	74.5%	71.4%	72.9%	74.6%	73.9%	71.4%	72.1%
Obtaining recognition from colleagues	56.3%	53.1%	54.6%	55.7%	56.4%	49.5%	55.4%
Influencing the political structure	18.5%	11.8%	15.0%	15.1%	18.1%	15.8%	16.6%
Influencing social values	29.0%	33.9%	31.6%	32.5%	33.4%	39.3%	35.9%
Raising a family	66.3%	66.7%	66.5%	66.5%	66.4%	71.5%	73.1%
Having administrative responsibility	41.5%	38.0%	39.7%	41.2%	35.9%	34.8%	39.2%
Being very well-off financially	70.5%	60.2%	65.2%	64.5%	63.6%	52.9%	60.1%
Helping others who are in difficulty	54.3%	71.0%	62.9%	65.2%	65.2%	69.8%	71.4%
Making a theoretical contribution to science	18.0%	11.0%	14.4%	13.6%	16.8%	12.0%	13.7%
Writing original works	11.0%	12.5%	11.8%	12.4%	14.6%	13.0%	12.3%
Creating an artistic work	10.9%	14.8%	13.0%	13.1%	16.3%	12.6%	12.0%
Being successful in one's own business	55.0%	44.1%	49.4%	47.7%	50.7%	46.0%	46.1%
Helping to clean up environment	27.0%	22.7%	24.8%	24.4%	27.3%	24.0%	22.8%
Developing a philosophy of life	47.5%	50.4%	49.0%	49.9%	55.2%	57.0%	56.2%
Participating in community action	22.0%	26.1%	24.1%	25.8%	26.1%	27.4%	28.3%
Promoting racial understanding	28.7%	33.2%	31.0%	33.3%	37.1%	35.5%	35.1%
Keeping up with political affairs	44.9%	33.9%	39.2%	39.2%	47.0%	41.8%	44.3%

	Universities		Predominantly black colleges		2-year colleges	
	Public	Private	Public	Private	Public	Private
Student's political views:						
Far left	1.2%	1.3%	5.5%	3.3%	1.9%	2.2%
Liberal	19.4%	23.8%	26.7%	30.7%	16.6%	15.1%
Middle-of-the-road	57.1%	48.4%	45.6%	46.6%	64.2%	60.4%
Conservative	21.5%	25.4%	17.0%	17.5%	16.1%	21.1%
Far right	0.9%	1.1%	5.2%	1.9%	1.2%	1.1%
Student agrees strongly or somewhat that:						
Government isn't controlling pollution	76.1%	76.6%	77.8%	79.7%	77.5%	78.9%
Government isn't protecting consumer	66.7%	62.3%	78.5%	79.2%	72.6%	75.0%
Federal government discourages energy use	79.7%	80.6%	76.8%	77.4%	79.3%	79.8%
Courts are too concerned with rights of criminals	68.3%	66.7%	56.4%	55.8%	70.5%	67.9%
Money is needed to solve urban problems	42.7%	43.2%	63.7%	64.3%	48.5%	49.1%
People should not obey laws that violate their beliefs	29.3%	31.3%	41.1%	40.1%	35.4%	33.1%
Inflation is the country's biggest domestic problem	76.3%	71.1%	81.5%	81.1%	81.6%	80.5%
The death penalty should be abolished	28.2%	33.1%	51.4%	48.1%	29.7%	30.7%
Government should provide a national health care plan	48.4%	45.9%	76.5%	70.9%	59.0%	57.8%
An energy shortage is causing a depression	80.8%	79.4%	81.8%	83.3%	81.0%	80.8%
Abortion should be legalized	58.9%	58.2%	56.5%	60.5%	53.8%	47.0%
Women should be subject to the draft	54.8%	58.2%	38.8%	38.2%	51.5%	37.7%
Large families should be discouraged	44.3%	42.0%	35.2%	29.3%	42.7%	39.7%
Divorce laws should be liberalized	42.6%	39.2%	60.2%	56.2%	48.8%	43.8%
It is all right for people who like each other to have sex	49.0%	46.3%	50.2%	48.2%	51.9%	38.0%
Women should have job equality	94.3%	95.3%	87.7%	92.0%	91.0%	90.6%
The wealthy should pay a larger share of taxes	67.9%	60.2%	74.7%	79.1%	74.0%	70.8%
Marijuana should be legalized	35.4%	33.5%	37.9%	35.8%	37.2%	29.8%
Students should help evaluate faculty	73.2%	74.0%	64.9%	64.2%	68.5%	66.5%
College grades should be abolished	12.9%	12.6%	31.5%	19.4%	17.6%	16.3%
Student publications should be regulated	33.7%	28.0%	63.8%	54.5%	45.3%	51.5%
College has the right to ban speakers	22.4%	19.4%	37.4%	28.5%	28.8%	31.5%
The disadvantaged should get preferential treatment	31.0%	27.3%	62.6%	61.1%	40.3%	46.0%
Public colleges should adopt open admissions	26.6%	21.5%	60.5%	44.3%	41.5%	37.7%
The same degree standard should be used for all	92.4%	94.4%	84.2%	89.0%	88.3%	87.7%
Objectives student considers essential or very important:						
Achieving in a performing art	11.6%	15.2%	19.5%	15.3%	9.1%	12.9%
Becoming an authority in his field	77.0%	75.9%	75.4%	84.0%	69.8%	70.2%
Obtaining recognition from colleagues	58.4%	59.6%	62.0%	68.1%	52.0%	52.4%
Influencing the political structure	16.5%	21.4%	27.2%	30.3%	12.6%	13.1%
Influencing social values	30.4%	33.3%	41.4%	48.8%	28.8%	34.8%
Raising a family	66.8%	68.8%	57.0%	64.5%	64.2%	68.4%
Having administrative responsibility	41.1%	38.2%	51.1%	51.1%	40.1%	38.9%
Being very well-off financially	67.7%	63.7%	75.8%	80.3%	67.8%	62.6%
Helping others who are in difficulty	61.9%	66.7%	69.9%	77.3%	58.6%	67.1%
Making a theoretical contribution to science	17.0%	21.0%	21.3%	27.3%	13.2%	10.2%
Writing original works	12.5%	16.3%	17.4%	18.1%	9.5%	12.5%
Creating an artistic work	13.2%	12.9%	20.9%	17.3%	11.7%	16.8%
Being successful in his own business	50.1%	48.4%	65.7%	68.1%	50.2%	53.5%
Helping to clean up environment	24.0%	23.7%	37.2%	36.0%	25.3%	25.4%
Developing a philosophy of life	51.6%	58.7%	57.9%	65.5%	42.4%	49.6%
Participating in community action	24.6%	26.8%	40.8%	45.8%	20.6%	27.3%
Promoting racial understanding	29.6%	36.6%	58.8%	72.5%	26.7%	33.4%
Keeping up with political affairs	46.1%	57.0%	45.4%	54.1%	31.3%	31.9%

SOURCE: AMERICAN COUNCIL ON EDUCATION AND THE UNIVERSITY OF CALIFORNIA AT LOS ANGELES

Employment Outlook for 1990

Occupation	Projected employment in 1990	Change from 1978
Engineers	1,504,000	+40.4%
Aero/astronautic	98,000	+70.4%
Chemical	68,000	+28.9%
Civil	208,000	+39.4%
Electrical	441,000	+51.2%
Industrial	146,000	+34.0%
Mechanical	274,000	+37.6%
Life and physical scientists	299,000	+26.4%
Biological scientists	51,000	+21.8%
Chemists	113,000	+25.0%
Geologists	50,000	+52.1%
Engineering and science technicians	1,577,000	+36.0%
Drafting	412,000	+40.6%
Electrical and electronic	464,000	+45.4%
Industrial engineering	40,000	+30.4%
Mechanical engineering	61,000	+36.0%
Surveying	73,000	+35.2%
Health-care professionals	2,928,000	+44.6%
Dentists	208,000	+39.6%
Dietitians	61,000	+49.7%
Nurses, professional	1,542,000	+50.3%
Optometrists	33,000	+29.7%
Pharmacists	159,000	+13.4%
Physicians, medical and osteopathic	626,000	+40.0%
Therapists	210,000	+51.5%
Physical therapists	49,000	+57.6%
Speech and hearing clinicians	52,000	+54.5%
Veterinarians	47,000	+56.1%
Health-care technologists and technicians	1,811,000	+45.3%
Dental assistants	193,000	+57.5%
Dental hygienists	84,000	+57.9%
Health-records technologists	44,000	+47.1%
Licensed practical nurses	707,000	+43.9%
Medical technicians	119,000	+46.0%
Medical lab technologists	141,000	+43.9%
Surgical technicians	44,000	+48.1%
X-ray technicians	126,000	+47.4%
Other technicians	343,000	+26.8%
Airplane pilots	94,000	+27.0%
Air-traffic controllers	34,000	+21.7%
Technical assistants, library	46,000	+42.1%
Computer specialists	738,000	+89.8%
Programmers	354,000	+73.6%
Systems analysts	384,000	+107.8%
Social scientists	243,000	+38.1%
Economists	41,000	+54.2%
Psychologists	107,000	+36.8%

Occupation	Projected employment in 1990	Change from 1978
Teachers	4,079,000	+ 5.2%
Adult education	123,000	+18.0%
College and university	557,000	[9] 9.8%
Vocational education and training	33,000	+26.5%
College	409,000	[9]10.1%
Graduate assistants	110,000	[9]16.5%
Elementary	1,550,000	+21.4%
Preschool and kindergarten	574,000	+26.2%
Secondary	1,071,000	[9]12.9%
Selected writers, artists, and entertainers	1,117,000	+25.8%
Commercial artists	122,000	+22.3%
Designers	194,000	+15.2%
Musicians, instrumental	160,000	+27.2%
Photographers	104,000	+36.0%
Public-relations specialists	102,000	+26.1%
Radio and TV announcers	66,000	+43.0%
Reporters	68,000	+27.6%
Sports instructors	41,000	+20.2%
Writers and editors	142,000	+30.3%
Other professional and technical workers	5,338,000	+27.6%
Accountants and auditors	1,031,000	+32.7%
Appraisers, real estate	47,000	+46.4%
Architects	106,000	+60.2%
Assessors	38,000	+28.0%
Buyers, retail and wholesale	296,000	+24.4%
Caseworkers	338,000	+43.3%
Clergy	292,000	+ 1.7%
Community-organization workers	71,000	+46.7%
Cost estimators	105,000	+31.6%
Directors, religious education	37,000	+ 3.3%
Employment interviewers	86,000	+66.6%
Foresters	32,000	+22.2%
Law clerks	43,000	+44.0%
Lawyers	524,000	+37.9%
Paralegal personnel	66,000	+132.4%
Librarians	139,000	+ 6.8%
Personnel and labor-relations specialists	205,000	+21.1%
Purchasing agents	200,000	+22.0%
Recreation workers	152,000	+26.4%
Tax examiners, collectors	60,000	+19.4%
Tax preparers	47,000	+64.5%
Travel agents and accommodations appraisers	70,000	+55.6%
Underwriters	90,000	+28.4%
Vocational and educational counselors	212,000	+ 4.7%
Total, professional, technical, and related workers	**20,038,000**	**+22.5%**

Note: Data are "low trend" projections of 1990 civilian employment in occupations with 25,000 workers or more.

SOURCE: BUREAU OF LABOR STATISTICS

Characteristics of Children and Young Adults

Total Population and Persons Under 25 Years Old By Race and Sex: 1950-2000

(in thousands)

Race, Sex, and Year	Total Population	Under 14 Years		14 to 24 Years	
		Number	Percent of Total	Number	Percent of Total
ALL RACES					
BOTH SEXES					
2000 (projection)	260,378	52,932	20.3	40,698	15.6
1990	243,513	52,005	21.4	37,920	15.6
1980 (estimate)	222,936	46,267	20.8	45,306	20.3
1975	213,559	49,319	23.1	44,538	20.9
1970	204,878	53,784	26.3	40,597	19.8
1960	180,671	53,306	29.5	27,347	15.1
1950	152,271	38,834	25.5	24,519	16.1
MALE					
2000 (projection)	126,588	27,134	21.4	20,693	16.3
1990	118,490	26,648	22.5	19,212	16.2
1980 (estimate)	108,568	23,637	21.8	22,923	21.1
1975	104,213	25,162	24.1	22,534	21.6
1970	100,269	27,409	27.3	20,538	20.5
1960	89,320	27,101	30.3	13,776	15.4
1950	75,849	19,778	26.1	12,277	16.2
FEMALE					
2000 (projection)	133,790	25,798	19.3	20,005	15.0
1990	125,023	25,357	20.3	18,708	15.0
1980 (estimate)	114,368	22,630	19.8	22,384	19.6
1975	109,346	24,156	22.1	22,004	20.1
1970	104,609	26,374	25.2	20,059	19.2
1960	91,352	26,205	28.7	13,570	14.9
1950	76,422	19,056	24.9	12,242	16.0
WHITE					
BOTH SEXES					
2000 (projection)	218,913	43,584	19.9	33,106	15.1
1990	207,257	43,033	20.8	30,912	14.9
1980 (estimate)	191,918	38,013	19.8	38,130	19.9
1975	185,571	41,161	22.2	38,006	20.5
1970	179,494	45,574	25.4	35,129	19.6
1960	160,023	45,907	28.7	24,008	15.0
1950	135,984	33,918	24.9	21,556	15.9
MALE					
2000 (projection)	106,925	22,373	20.9	16,871	15.8
1990	101,246	22,086	21.8	15,712	15.5
1980 (estimate)	93,751	19,468	20.8	19,360	20.7
1975	90,806	21,057	23.2	19,307	21.3
1970	88,065	23,294	26.5	17,841	20.3
1960	79,257	23,400	29.5	12,143	15.3
1950	67,848	17,315	25.5	10,851	16.0

Race, Sex, and Year	Total Population	Under 14 Years		14 to 24 Years	
		Number	Percent of Total	Number	Percent of Total
FEMALE					
2000 (projection)	111,988	21,210	18.9	16,234	14.5
1990	106,011	20,947	19.8	15,200	14.3
1980 (estimate)	98,167	18,545	18.9	18,769	19.1
1975	94,764	20,105	21.2	18,698	19.7
1970	91,429	22,280	24.4	17,288	18.9
1960	80,766	22,505	27.9	11,865	14.7
1950	68,135	16,601	24.4	10,706	15.7
BLACK					
BOTH SEXES					
2000 (projection)	32,838	7,363	22.4	5,881	17.9
1990	29,799	7,349	24.7	5,720	19.2
1980 (estimate)	26,423	7,050	26.7	6,213	23.5
1975	24,518	7,200	29.4	5,775	23.6
1970	22,782	7,443	32.7	4,914	21.6
1960	19,006	6,828	35.7	3,072	16.2
1950 [1]	16,288	4,916	30.2	2,964	18.2
MALE					
2000 (projection)	15,617	3,757	24.1	2,947	18.9
1990	14,194	3,744	26.4	2,846	20.1
1980 (estimate)	12,504	3,560	28.2	3,075	24.4
1975	11,713	3,622	30.9	2,848	24.3
1970	10,905	3,729	34.2	2,419	22.2
1960	9,199	3,409	37.1	1,496	16.3
1950 [1]	8,001	2,461	30.8	1,428	17.8
FEMALE					
2000 (projection)	17,221	3,606	20.9	2,934	17.0
1990	15,605	3,606	23.1	2,875	18.4
1980 (estimate)	13,819	3,489	25.2	3,137	22.7
1975	12,805	3,579	28.0	2,929	22.9
1970	11,877	3,713	31.3	2,495	21.0
1960	9,807	3,418	34.9	1,576	16.1
1950 [1]	8,287	2,455	29.6	1,536	18.5

[1] Black and other races

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-25, Nos. 870, 721, 704, 519, and 311.

Modal Grade Enrollment, for Persons 6 to 17 Years Old, By Age, Sex, Race, and Spanish Origin: October 1980

(percent distribution)

Race, Spanish Origin, and Modal Grade of Enrollment	MALE				FEMALE			
	Total	Below Modal Grade	At Modal Grade	Above Modal Grade	Total	Below Modal Grade	At Modal Grade	Above Modal Grade
ALL RACES								
6 years old, elementary 1	100.0	11.6	80.5	8.0	100.0	7.2	83.8	9.0
7 years old, elementary 2	100.0	18.3	74.3	7.4	100.0	13.7	76.8	9.4

Race, Spanish Origin, and Modal Grade of Enrollment	MALE Total	MALE Below Modal Grade	MALE At Modal Grade	MALE Above Modal Grade	FEMALE Total	FEMALE Below Modal Grade	FEMALE At Modal Grade	FEMALE Above Modal Grade
8 years old, elementary 3	100.0	19.6	74.6	5.7	100.0	15.3	73.5	11.2
9 years old, elementary 4	100.0	21.4	70.0	8.6	100.0	17.8	70.8	11.4
10 years old, elementary 5	100.0	23.0	68.7	8.2	100.0	16.0	73.8	10.3
11 years old, elementary 6	100.0	26.3	66.3	7.4	100.0	17.7	73.0	9.3
12 years old, elementary 7	100.0	26.2	67.3	6.5	100.0	19.3	69.9	10.8
13 years old, elementary 8	100.0	27.7	64.8	7.4	100.0	17.0	72.0	11.0
14-17 years old, high school 1-4	100.0	29.0	64.3	6.7	100.0	19.2	71.0	9.7
WHITE								
6-9 years old, elementary 1-4	100.0	17.9	75.3	6.8	100.0	13.2	77.1	9.7
10-13 years old, elementary 5-8	100.0	23.7	69.4	6.9	100.0	16.3	73.6	10.1
14-17 years old, high school 1-4	100.0	26.3	67.0	6.7	100.0	16.7	73.5	9.8
BLACK								
6-9 years old, elementary 1-4	100.0	18.2	71.2	10.4	100.0	16.0	71.1	12.8
10-13 years old, elementary 5-8	100.0	37.7	52.8	9.5	100.0	24.0	64.7	11.2
14-17 years old, high school 1-4	100.0	43.3	49.7	6.9	100.0	32.5	58.5	8.9
SPANISH ORIGIN [1]								
6-9 years old, elementary 1-4	100.0	24.2	68.2	7.9	100.0	22.0	67.9	10.5
10-13 years old, elementary 5-8	100.0	36.4	56.5	7.4	100.0	26.6	61.5	12.1
14-17 years old, high school 1-4	100.0	45.7	49.6	5.1	100.0	31.6	60.5	7.9

[1] Persons of Spanish origin may be of any race.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey Reports, Series P-20, No. 360.

Nursery School and Kindergarten Enrollment of Children 3 to 5 Years Old, by Race and Spanish Origin: October 1966 to October 1980

(numbers in thousands)

YEARS	ALL RACES Total Children 3 to 5 Years	ALL RACES Enrolled in Nursery School and Kindergarten Number	ALL RACES Enrolled in Nursery School and Kindergarten Percent	WHITE Total Children 3 to 5 Years	WHITE Enrolled in Nursery School and Kindergarten Number	WHITE Enrolled in Nursery School and Kindergarten Percent	BLACK Total Children 3 to 5 Years	BLACK Enrolled in Nursery School and Kindergarten Number	BLACK Enrolled in Nursery School and Kindergarten Percent	SPANISH ORIGIN [1] Total Children 3 to 5 Years	SPANISH ORIGIN [1] Enrolled in Nursery School and Kindergarten Number	SPANISH ORIGIN [1] Enrolled in Nursery School and Kindergarten Percent
1980	9,284	4,878	52.5	7,581	3,994	52.7	1,445	749	51.8	854	370	43.3
1979	9,119	4,664	51.1	7,462	3,786	50.7	1,405	750	53.3	717	289	40.3
1978	9,110	4,584	50.3	7,460	3,697	49.5	1,410	749	53.1	720	295	40.9
1977	9,249	4,577	49.5	7,581	3,717	49.0	1,429	728	50.9	692	275	39.8
1976	9,726	4,790	49.2	8,008	3,932	49.1	1,500	746	49.7	696	304	43.7
1975	10,185	4,955	48.7	8,441	4,106	48.6	1,521	732	48.1	677	295	43.3
1974	10,393	4,699	45.2	8,667	3,941	45.5	1,547	678	43.9	718	294	40.7
1973	10,344	4,234	40.9	8,698	3,521	40.5	1,466	618	42.2	650	228	35.4
1972	10,166	4,231	41.6	8,560	3,542	41.4	1,442	619	43.0	694	286	41.1
1971	10,610	4,148	39.1	8,799	3,469	39.4	1,630	592	36.3	(NA)	(NA)	(NA)
1970	10,949	4,104	37.5	9,098	3,443	37.8	1,680	586	34.9	(NA)	(NA)	(NA)
1969	11,424	3,949	34.6	9,522	3,312	34.8	1,726	575	33.3	(NA)	(NA)	(NA)
1968	11,905	3,928	33.0	9,968	3,310	33.2	[2] 1,937	[2] 618	[2] 31.9	(NA)	(NA)	(NA)
1967	12,242	3,868	31.6	10,283	3,267	31.8	[2] 1,959	[2] 601	[2] 30.7	(NA)	(NA)	(NA)
1966	12,486	3,674	29.4	10,514	3,142	29.9	[2] 1,970	[2] 532	[2] 27.0	(NA)	(NA)	(NA)

[1] Persons of Spanish origin may be of any race.

[2] Black and other races.

Living Arrangements and Presence of Parents, for Persons Under 18 Years Old, by Race: 1980 and 1970 *

(numbers in thousands)

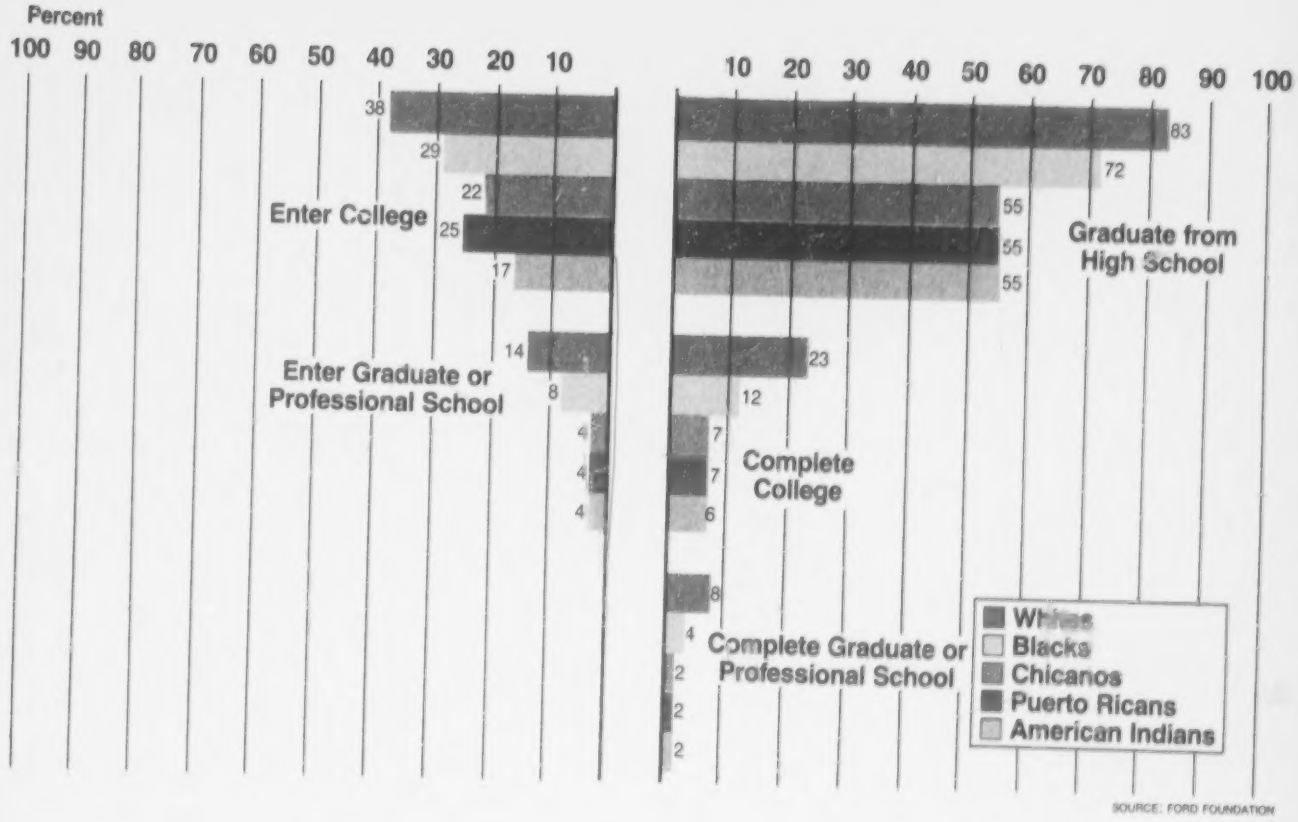
Living Arrangement and Presence of Parents	ALL RACES			WHITE			BLACK		
	Total, Under 18 Years	Under 15 Years [1]	15-17 Years [1]	Total, Under 18 Years	Under 15 Years [1]	15-17 Years [1]	Total, Under 18 Years	Under 15 Years [1]	15-17 Years [1]
1980									
All persons	61,744	49,902	11,842	50,991	41,095	9,896	9,290	7,577	1,713
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In households	99.8	99.8	99.7	99.8	99.8	99.8	99.4	99.5	98.9
Living with both parents	76.6	77.2	73.8	82.7	83.5	79.6	42.2	42.6	40.2
Living with one parent only	19.7	19.2	21.8	15.1	14.6	17.1	45.8	44.9	49.7
Mother only	18.0	17.8	19.1	13.5	13.2	14.4	43.8	43.1	46.8
Father only	1.7	1.4	2.7	1.6	1.3	2.7	2.0	1.8	2.9
Living with neither parent	3.5	3.4	4.1	2.0	1.8	3.1	11.5	12.0	9.0
Not in households	0.2	0.2	0.3	0.2	0.2	0.2	0.6	0.5	1.1
1970									
All persons	69,458	53,864	15,594	59,026	45,644	13,382	9,483	7,444	2,039
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In households	98.9	99.1	98.3	99.0	99.1	98.5	98.3	98.7	97.1
Living with both parents	84.9	85.8	81.4	89.2	90.1	85.9	58.1	59.6	52.5
Living with one parent only	11.8	11.2	13.8	8.7	8.1	10.7	31.6	30.7	35.0
Mother only	10.7	10.4	11.9	7.8	7.4	9.0	29.3	28.7	31.6
Father only	1.1	0.8	1.9	0.9	0.7	1.7	2.2	1.9	3.4
Living with neither parent	2.2	2.0	3.0	1.2	1.0	1.9	8.6	8.4	9.7
Not in households	1.1	0.9	1.7	1.0	0.9	1.5	1.7	1.3	2.9

* Excludes persons under 18 years old who were householders or wives in families or subfamilies.

[1] Figures for 1970 include persons 14 years of age.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20, Nos. 360, 346, 333, 319, 303, and 286 and unpublished 1980 Current Population Survey data; and U.S. Department of Health, Education, and Welfare, Office of Education, National Center for Education Statistics, Pub. Nos. (NCES) 76-147; (OE) 73-1141, 72-197, 72-8, 20079-69, 20079, and 20113; and FS 5.220: 20079-66.

The 'Educational Pipeline' for Minorities



SOURCE: FORD FOUNDATION

Drug Use, 1975-1981, by High-School Seniors

(percent)

	Ever Used							Daily Users							Used in Past Month							Used in Last Year						
	CLASS OF							CLASS OF							CLASS OF							CLASS OF						
	'75	'76	'77	'78	'79	'80	'81	'75	'76	'77	'78	'79	'80	'81	'75	'76	'77	'78	'79	'80	'81	'75	'76	'77	'78	'79	'80	'81
MARIJUANA	47.0	53.0	56.0	59.0	60.0	60.0	60.0	6.0	8.0	9.0	10.7	10.3	9.1	7.0	27.0	32.0	35.0	37.0	37.0	34.0	32.0	40.0	45.0	48.0	50.0	51.0	49.0	46.0
INHALANTS	NA	10.0	11.0	12.0	13.0	12.0	12.0	NA	0.0	0.0	0.1	0.0s	0.1	0.1	NA	1.0	1.0	2.0	2.0	1.0	2.0	NA	3.0	4.0	4.0	5.0	5.0	4.0
AMYL & BUTYL NITRITES	NA	NA	NA	NA	11.0	11.0	10.0	NA	NA	NA	NA	0.0	0.1	0.1	NA	NA	NA	NA	2.0	2.0	1.0	NA	NA	NA	NA	7.0	6.0	4.0
HALLUCINOGENS	16.0	15.0	14.0	14.0	14.0	13.0	13.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	5.0	3.0	4.0	4.0	4.0	4.0	4.0	11.0	9.0	9.0	10.0	10.0	9.0	8.0
L S D	11.0	11.0	10.0	10.0	10.0	9.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.0	2.0	2.0	2.0	2.0	2.0	3.0	7.0	6.0	6.0	6.0	7.0	7.0	7.0
P C P	NA	NA	NA	NA	13.0	10.0	8.0	NA	NA	NA	NA	0.1	0.1	0.1	NA	NA	NA	NA	2.0	1.0	1.0	NA	NA	NA	NA	7.0	4.0	3.0
COCAINE	9.0	10.0	11.0	13.0	15.0	16.0	17.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	2.0	2.0	3.0	4.0	6.0	5.0	6.0	6.0	6.0	7.0	9.0	12.0	12.0	12.0
HEROIN	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	1.0	*	*	*	*	*	*
OTHER OPIATES	9.0	10.0	10.0	10.0	10.0	10.0	10.0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	2.0	2.0	3.0	2.0	2.0	2.0	2.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
STIMULANTS	22.0	23.0	23.0	23.0	24.0	26.0	32.0	0.5	0.4	0.5	0.5	0.6	0.7	1.2	9.0	8.0	9.0	9.0	10.0	12.0	16.0	16.0	16.0	16.0	17.0	18.0	21.0	26.0
SEDATIVES	18.0	18.0	17.0	16.0	15.0	15.0	16.0	0.3	0.2	0.2	0.2	0.1	0.2	0.2	5.0	5.0	5.0	4.0	4.0	5.0	5.0	12.0	11.0	11.0	10.0	10.0	10.0	11.0
BARBITURATES	17.0	16.0	16.0	14.0	12.0	11.0	11.0	0.1	0.1	0.2	0.1	0.0	0.1	0.1	5.0	4.0	4.0	3.0	3.0	3.0	3.0	11.0	10.0	9.0	8.0	8.0	7.0	7.0
METHAQUALONE	8.0	8.0	9.0	8.0	8.0	10.0	11.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	2.0	2.0	2.0	2.0	2.0	3.0	3.0	5.0	5.0	5.0	5.0	6.0	7.0	8.0
TRANQUILIZERS	17.0	17.0	18.0	17.0	16.0	15.0	15.0	0.1	0.2	0.3	0.1	0.1	0.1	0.1	4.0	4.0	5.0	3.0	4.0	3.0	3.0	11.0	10.0	11.0	10.0	10.0	9.0	8.0
ALCOHOL	90.0	92.0	93.0	93.0	93.0	93.0	93.0	5.7	5.6	6.1	5.7	6.9	6.0	6.0	66.0	68.0	71.0	72.0	72.0	72.0	71.0	85.0	86.0	87.0	88.0	88.0	86.0	87.0
CIGARETTES	74.0	75.0	76.0	75.0	74.0	71.0	71.0	26.9	28.8	28.8	27.5	25.4	21.3	20.3	37.0	39.0	38.0	37.0	34.0	31.0	29.0	NA	NA	NA	NA	NA	NA	NA

NA indicates data not available

* indicates less than 1.0%

NOTE: Separate questions about the use of PCP (angel dust) and amyl and butyl nitrites (poppers) were not asked until 1979.

TERMS: Ever Used: Used one or more times. Daily Users: Used 20 or more time in the month before survey. Used in Past Month: Used at lease once in the 30 days prior to survey. Used in Last Year: Used in the 12 months prior to survey.

Grade of First Use for Sixteen Types of Drugs, Class of 1981

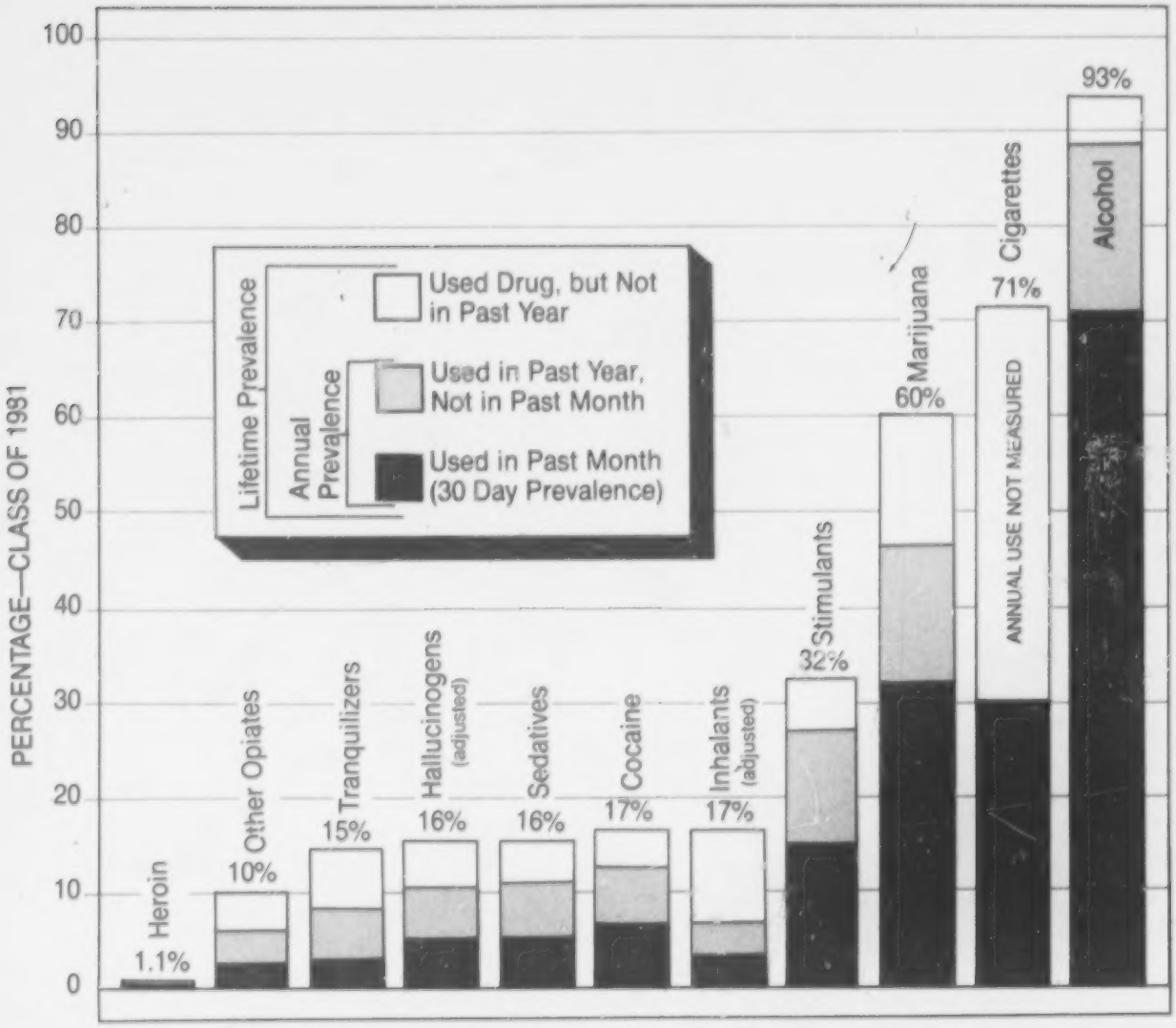
GRADE IN WHICH DRUG WAS FIRST USED	MARIJUANA	INHALANTS [1]	AMYL/BUTYLNITRITES	HALLUCINOGENS [1]	L S D	P C P	COCAINE	HEROIN	OTHER OPIATES	STIMULANTS	SEDATIVES	BARBITURATES	METHAQUALONE	TRANQUILIZERS	ALCOHOL	CIGARETTES (DAILY)
6th	2.2	1.7	0.1	0.1	0.1	0.2	0.1	0.0	0.5	0.4	0.1	0.2	0.1	0.3	9.0	2.9
7-8th	14.0	2.5	1.1	1.0	0.5	1.0	0.4	0.1	0.7	1.7	0.9	0.9	0.5	1.4	23.2	6.9
9th	17.9	2.8	2.7	2.4	1.7	2.4	1.7	0.3	1.6	4.3	3.0	2.6	1.5	3.4	24.1	5.2
10th	13.2	2.0	3.1	3.7	3.0	2.3	4.0	0.1	2.2	8.6	4.3	3.4	2.6	3.9	18.8	4.5
11th	8.1	1.7	1.8	3.8	2.7	1.5	6.1	0.3	3.2	9.9	4.8	3.1	3.7	3.8	11.8	3.1
12th	4.0	1.7	1.2	2.2	1.7	0.4	4.2	0.3	1.8	7.2	2.8	1.2	2.2	1.9	5.7	1.5
Never Used	40.5	87.7	89.9	86.7	90.2	92.2	83.5	98.9	89.9	67.8	84.0	88.7	89.4	85.3	7.4	75.9

NOTE: This question was asked in two of the five forms (N = approximately 7000), except for inhalants, P C P, and the nitrites which were asked about in only one form (N = approximately 3500).

[1] Unadjusted for known underreporting of certain drugs.

SOURCE: NATIONAL INSTITUTE ON DRUG ABUSE

Prevalence and Recency of Use
Eleven Types of Drugs, Class of 1981



Estimated Distribution of Students in Grades 9-12 in Public and Private Schools, 1978-79[1]

Region and State	Total enrollment Number (000s)	Total enrollment Percent	Public	Private			
				Catholic	Other Religious Affiliation	No Affiliation	Affiliation Unknown
New England							
Connecticut	230.3	100.0	83.1	9.0	0.9	6.2	0.8
Massachusetts	409.5	100.0	86.9	9.3	0.3	3.4	0.2
Maine	81.8	100.0	90.2	1.7	0.7	6.9	0.5
New Hampshire	60.2	100.0	88.0	4.1	2.3	5.5	0.1
Rhode Island	59.2	100.0	85.5	12.0	1.3	1.2	0.0
Vermont	35.3	100.0	87.0	4.1	0.2	8.8	0.0
Middle Atlantic							
New Jersey	550.9	100.0	88.6	9.6	0.6	1.1	0.1
New York	1,212.8	100.0	86.5	10.1	1.8	1.2	0.4
Pennsylvania	886.3	100.0	86.6	11.0	0.8	1.2	0.4
South Atlantic							
District of Columbia	37.1	100.0	79.9	14.1	2.2	3.2	0.5
Delaware	46.7	100.0	85.6	10.6	1.3	2.3	0.2
Florida	489.1	100.0	89.4	4.2	2.4	3.3	0.8
Georgia	343.4	100.0	93.7	1.0	1.4	3.5	0.5
Maryland	268.9	100.0	86.5	9.2	1.6	1.7	0.9
North Carolina	328.4	100.0	95.3	0.5	1.2	2.4	0.7
South Carolina	223.0	100.0	94.0	0.8	1.5	3.2	0.5
Virginia	345.0	100.0	93.5	2.0	1.5	2.3	0.8
West Virginia	118.9	100.0	97.0	2.1	0.5	0.4	0.1
East South Central							
Alabama	268.5	100.0	93.7	1.1	1.5	3.1	0.5
Kentucky	255.0	100.0	91.6	6.4	0.6	1.1	0.3
Mississippi	164.7	100.0	90.6	1.5	0.8	5.0	2.1
Tennessee	270.6	100.0	91.0	2.0	3.3	3.0	0.7
West South Central							
Arkansas	133.2	100.0	96.3	1.6	0.6	1.1	0.5
Louisiana	270.8	100.0	85.4	10.3	0.8	2.5	0.9
Oklahoma	190.2	100.0	97.8	1.1	0.6	0.3	0.2
Texas	833.2	100.0	96.6	2.1	0.6	0.5	0.1
East North Central							
Illinois	809.9	100.0	88.2	10.1	0.8	0.7	0.2
Indiana	377.7	100.0	93.7	4.2	0.9	0.7	0.6
Michigan	666.8	100.0	91.5	5.9	2.0	0.5	0.2
Ohio	815.7	100.0	91.3	7.7	0.5	0.5	0.1
Wisconsin	333.6	100.0	90.4	6.8	1.8	0.5	0.5

Region and State	Total enrollment Number (000s)	Total enrollment Percent	Public	Private Catholic	Private Other Religious Affiliation	Private No Affiliation	Private Affiliation Unknown
West North Central							
Iowa	194.2	100.0	89.0	8.2	2.6	0.0	0.3
Kansas	143.5	100.0	93.3	4.9	0.3	0.6	0.9
Minnesota	306.2	100.0	93.4	4.8	1.1	0.5	0.2
Missouri	337.1	100.0	89.5	8.5	0.7	0.9	0.4
North Dakota	49.2	100.0	94.3	5.3	0.3	0.1	0.0
Nebraska	98.2	100.0	88.2	10.5	0.5	0.3	0.5
South Dakota	51.2	100.0	91.9	4.7	1.0	0.9	1.6
Mountain							
Arizona	168.2	100.0	95.2	2.6	0.4	1.2	0.6
Colorado	174.6	100.0	95.0	2.5	1.0	1.1	0.4
Idaho	51.4	100.0	97.7	0.9	0.4	0.4	0.6
Montana	54.9	100.0	93.9	4.3	0.5	0.9	0.5
New Mexico	85.2	100.0	94.3	1.9	0.9	1.5	1.4
Nevada	40.6	100.0	96.5	3.1	0.2	0.1	0.0
Utah	82.4	100.0	97.5	1.1	0.3	0.2	1.0
Wyoming	24.8	100.0	98.5	0.6	0.0	0.9	0.0
Pacific							
Alaska	27.9	100.0	97.2	0.9	2.0	0.0	0.0
California	1,425.3	100.0	92.0	5.2	1.0	1.3	0.5
Hawaii	59.0	100.0	85.0	6.7	4.0	3.4	0.9
Oregon	145.2	100.0	95.3	3.0	0.6	0.5	0.6
Washington	230.6	100.0	94.5	3.1	1.2	0.6	0.6

SOURCE: NORC SCHOOL UNIVERSE TAPE

Note: Details may not add to totals because of rounding.

[1] Approximations derived from information on the schools' enrollments, the number of secondary-level grades, and the total number of grades in each school.

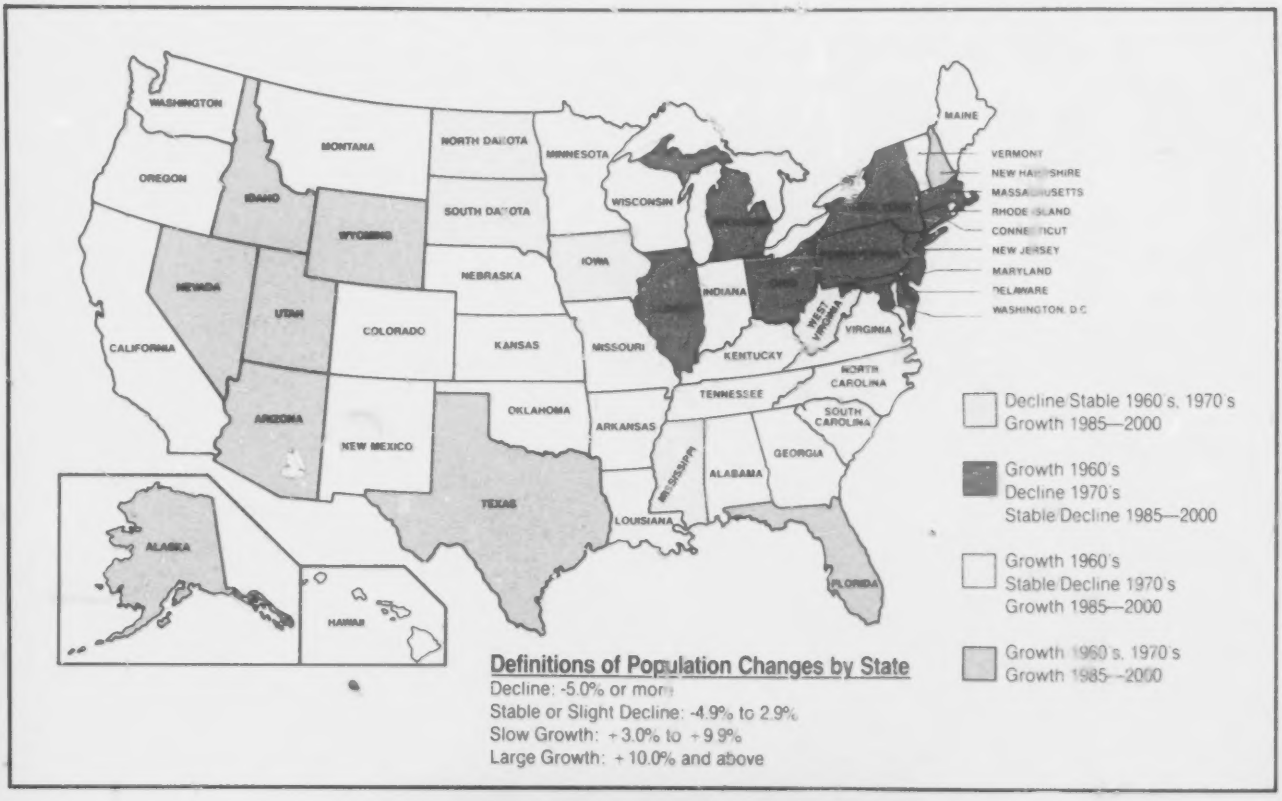
students

Change in School-Age Population by Region, 1985-2000

(percent)

Region	1985-1990	1990-2000	1985-2000
New England	-1.7	+10.2	+8.3
Mid Atlantic	-6.0	-6.2	-11.8
Great Lakes	+0.4	-1.0	-0.6
Plains	+9.1	+10.8	+20.8
Southeast	+7.2	+16.7	+25.1
Southwest	+14.1	+27.9	+45.8
Rocky Mountain	+20.6	+33.2	+60.7
Far West	+11.1	+21.2	+34.6
UNITED STATES	+5.3	+11.7	+17.6

SOURCE: School Finance Project, U.S. Department of Education



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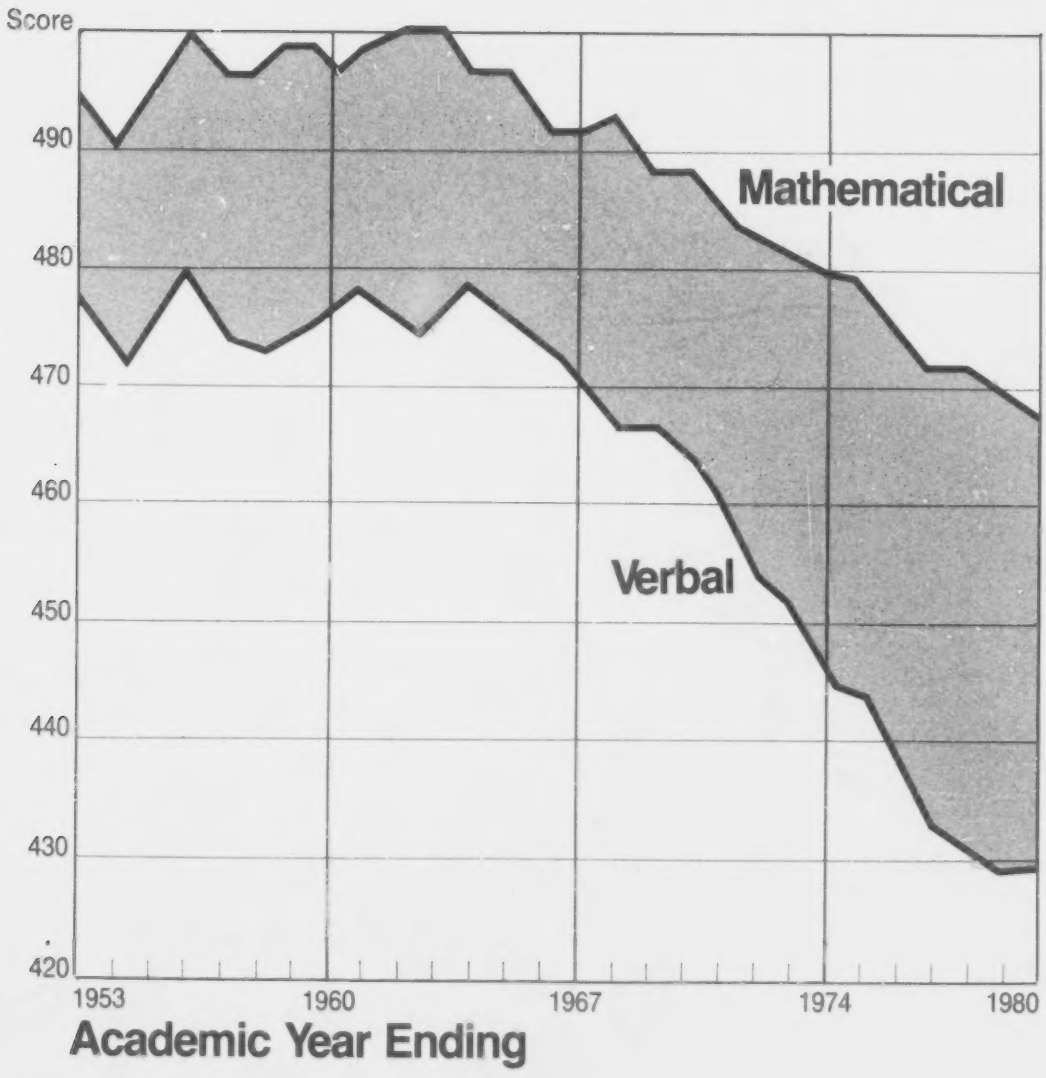
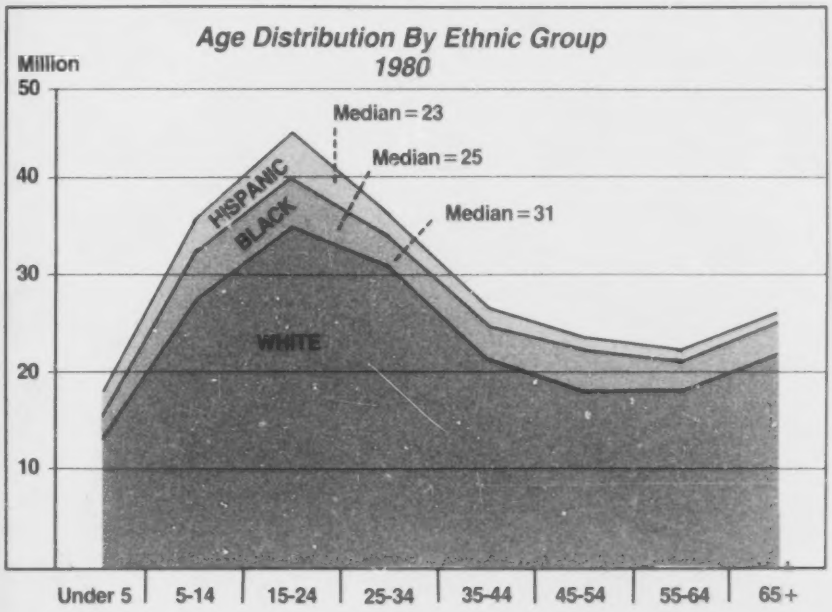
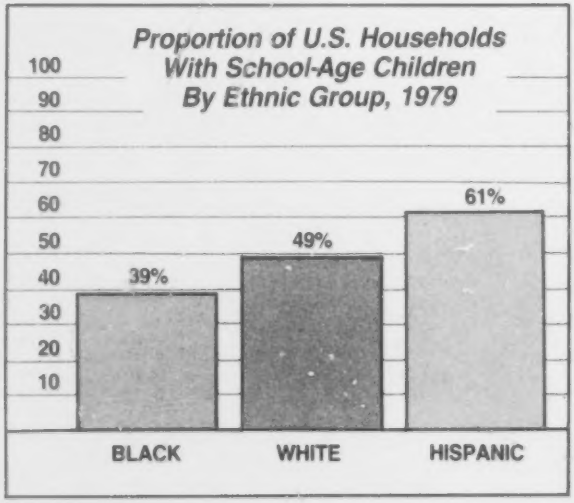
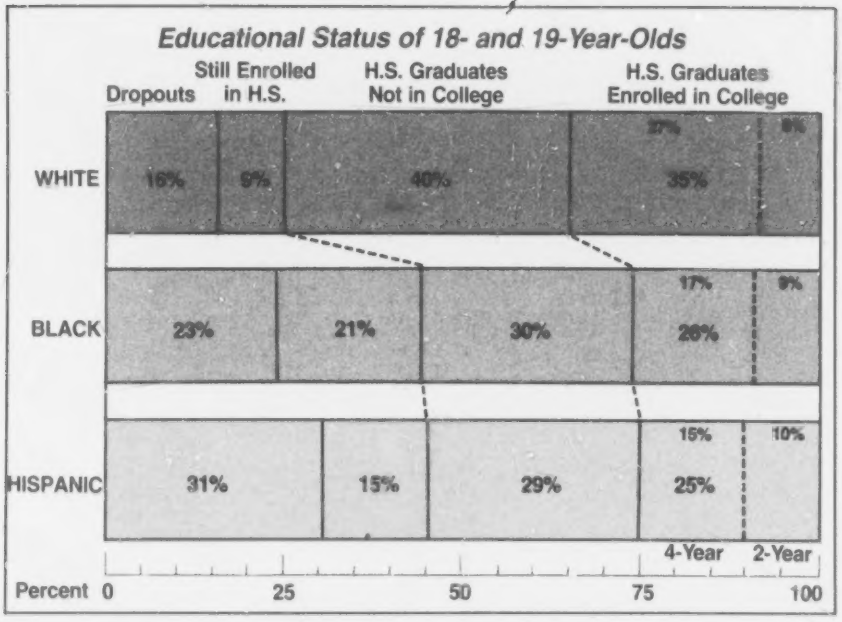
How S.A.T. Scores Have Declined

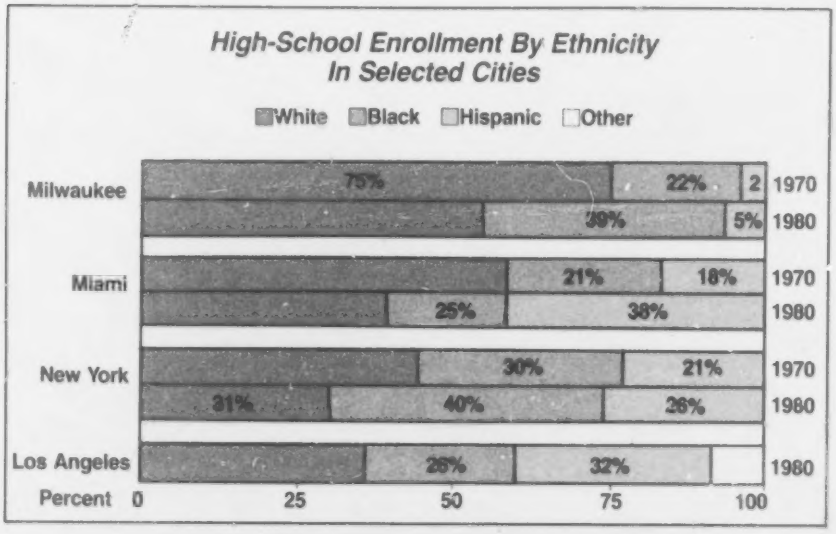


Educational Status by Ethnic Group









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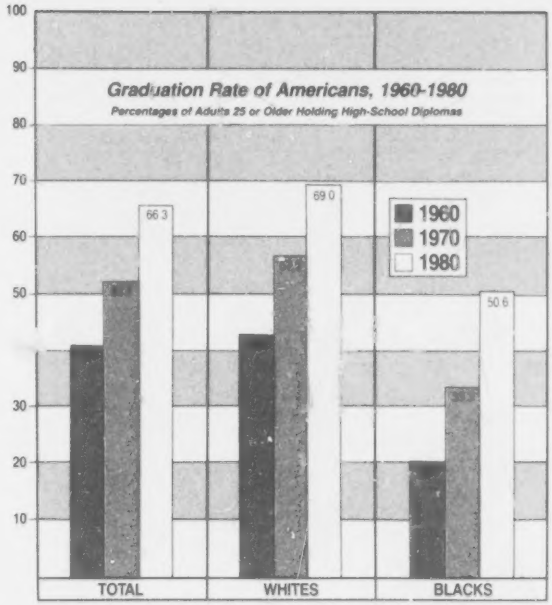

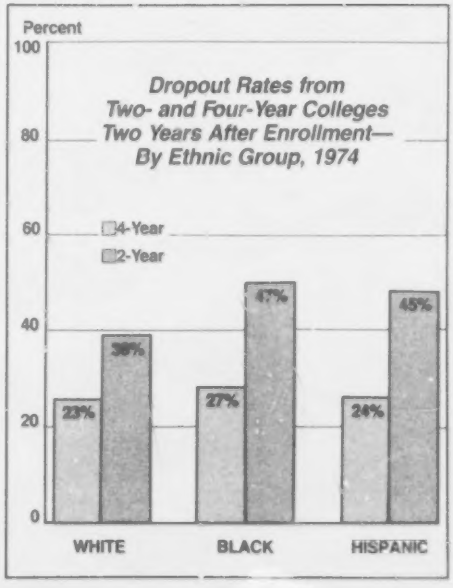

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1980 Census Data

Family Characteristics

	Total
URBAN AND RURAL	
Total Persons	**226,545,805**
Urban	167,554,594
Inside Urbanized Areas	139,374,966
Outside Urbanized Areas	28,179,628
Rural	58,991,211
Farm	5,543,070
AGE	
Total Persons	**226,545,805**
Under 5 years	16,341,052
5 to 9 years	16,585,965
10 to 14 years	18,365,171
15 to 19 years	21,176,175
20 to 24 years	21,301,790
25 to 29 years	19,440,597
30 to 34 years	17,661,538
35 to 44 years	25,638,130
45 to 54 years	22,833,545
55 to 59 years	11,587,723
60 to 64 years	10,071,256
65 to 74 years	15,652,870
75 to 84 years	7,678,571
85 years and over	2,211,422
Median	30.0
Female	116,484,882
Under 5 years	7,987,808
5 to 9 years	8,087,108
10 to 14 years	8,995,619
15 to 19 years	10,413,597
20 to 24 years	10,646,657
25 to 29 years	9,793,926
30 to 34 years	8,921,598
35 to 44 years	13,064,790
45 to 54 years	11,858,540
55 to 59 years	6,096,239
60 to 64 years	5,383,337
65 to 74 years	8,858,382
75 to 84 years	4,819,919
85 years and over	1,557,362
Median	31.3
FAMILY TYPE BY PRESENCE OF OWN CHILDREN	
Families	58,975,810
With own children under 18 years	30,292,806
Married-couple families	48,642,379
With own children under 18 years	24,501,054
Female householder, no husband present	8,321,754
With own children under 18 years	5,029,954

	Total
MARITAL STATUS	
Male, 15 years and over	**83,839,270**
Single	25,074,755
Now married, except separated	50,518,621
Separated	1,588,846
Widowed	2,125,493
Divorced	4,531,555
Female, 15 years and over	**91,414,347**
Single	21,037,493
Now married, except separated	50,138,720
Separated	2,404,936
Widowed	11,231,965
Divorced	6,601,233
NATIVITY AND PLACE OF BIRTH	
Total Persons	**226,545,805**
Native	212,589,728
Born in state of residence	144,558,269
Born in different state	65,825,932
Born abroad, at sea, etc.	2,205,527
Foreign born	13,956,077
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH	
Persons 5 to 17 years	**47,451,236**
Speak only English at home	42,922,138
Speak a language other than English at home	4,529,098
Spanish language spoken at home	2,947,051
Speak English very well or well	2,474,619
Speak English not well or not at all	472,432
Other language spoken at home	1,582,047
Speak English very well or well	1,400,917
Speak English not well or not at all	181,130
Persons 18 years and over	**162,753,517**
Speak only English at home	144,309,205
Speak a language other than English at home	18,444,312
Spanish language spoken at home	8,170,555
Speak English very well or well	5,879,301
Speak English not well or not at all	2,291,254
Other language spoken at home	10,273,757
Speak English very well or well	8,922,069
Speak English not well or not at all	1,351,688
SCHOOL ENROLLMENT	
Persons 3 years old and over enrolled in school	**62,134,476**
Nursery school	2,405,219
Public	861,106
Private	1,544,113

Persons 3 years old and over enrolled in school	Total
Kindergarten and elementary (1 to 8 years)	32,021,321
Public	28,303,589
Private	3,717,732
High School (1 to 4 years)	15,165,732
Public	13,839,735
Private	1,325,997
YEARS OF SCHOOL COMPLETED	
Persons 25 years old and over	**132,775,652**
Elementary (0 to 8 years)	24,370,124
High School	
1 to 3 years	20,320,142
4 years	45,691,481
College	
1 to 3 years	20,800,462
4 or more years	21,593,443
Percent high school graduates	66.3
SCHOOL ENROLLMENT AND LABOR FORCE STATUS	
Persons 16 to 19 years	**17,105,415**
Armed Forces	223,687
Civilian	16,881,728
Enrolled in school	11,982,393
Not enrolled in school	4,899,335
High school graduate	2,625,534
Employed	1,856,630
Unemployed	275,176
Not in labor force	493,728
Not high school graduate	2,273,801
Employed	920,130
Unemployed	344,511
Not in labor force	1,009,160

Economic Characteristics by Race or Origin

Sex and Age	Race			
	White	Black	Asian and Pacific Islander	Spanish Origin [1]
INCOME AND POVERTY STATUS IN 1979				
Families	**50,447,534**	**5,092,694**	**827,548**	**3,287,852**
Less than $5,000	2,787,414	1,182,862	66,200	453,842
$5,000 to $7,499	2,766,012	673,230	44,565	315,817
$7,500 to $9,999	3,290,715	608,119	45,525	306,156
$10,000 to $14,999	7,223,147	1,020,274	103,100	600,469
$15,000 to $19,999	7,760,453	817,064	103,835	500,229
$20,000 to $24,999	7,515,791	612,596	108,380	399,284
$25,000 to $34,999	10,258,767	719,560	161,676	447,212
$35,000 to $49,999	5,723,598	343,550	121,727	186,435
$50,000 or more	3,121,637	115,439	70,540	78,408
Median	20,840	12,618	22,075	14,711
Mean	24,279	15,721	25,681	17,360
Persons, poverty status determined	184,431,365	25,661,955	3,610,970	14,343,741
Income in 1979 below poverty level	17,301,569	7,752,010	503,089	3,409,754

[1] Persons of Spanish origin may be of any race.

SOURCE: BUREAU OF THE CENSUS

Faculty & Administrators

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9-Month Faculty Salaries for 1981-82

Averages According to Age

	Public		Private		All	
	Average salary	Increase over 1980-81	Average salary	Increase over 1980-81	Average salary	Increase over 1980-81
Ph.D.-granting universities						
35 or under	$21,112	9.2%	$23,184	11.9%	$21,666	10.0%
36 to 45	26,921	10.4%	31,832	13.2%	28,233	11.2%
46 to 55	30,564	7.3%	35,646	10.4%	31,922	8.2%
56 to 65	33,188	6.7%	38,209	9.1%	34,530	7.4%
Institutions granting other graduate degrees						
35 or under	$20,402	9.9%	$19,699	10.9%	$20,213	10.2%
36 to 45	24,669	8.9%	22,190	12.0%	24,002	9.7%
46 to 55	26,897	7.0%	25,976	9.5%	26,649	7.6%
56 to 65	27,233	7.4%	28,682	10.2%	27,623	8.2%
Institutions granting only bachelor's degrees						
35 or under	—	—	$17,254	10.5%	$17,254	10.5%
36 to 45	—	—	19,985	9.5%	19,985	9.5%
46 to 55	—	—	23,117	10.1%	23,117	10.1%
56 to 65	—	—	24,034	10.2%	24,034	10.2%
2-year colleges						
35 or under	$19,145	10.2%	—	—	$19,145	10.2%
36 to 45	22,262	9.1%	—	—	22,262	9.1%
46 to 55	23,494	8.7%	—	—	23,494	8.7%
56 to 65	23,281	8.6%	—	—	23,281	8.6%
All institutions†						
35 or under	$20,263	9.8%	$20,196	11.2%	$20,246	10.1%
36 to 45	24,684	9.5%	24,763	11.9%	24,705	10.1%
46 to 55	27,071	7.5%	28,386	10.0%	27,414	8.2%
56 to 65	27,973	7.4%	30,575	9.8%	28,652	8.1%

Comparisons by Tenure Status

	All institutions	All public institutions	All 4-year institutions	4-year public institutions	4-year private institutions	2-year public institutions
Ph.D.-granting universities						
Tenured						
Average salary	$32,038	$30,724	$32,038	$30,724	$35,640	—
Change from previous year	9.3%	8.5%	9.3%	8.5%	11.1%	—
Nontenured (tenure track)						
Average salary	$22,559	$22,084	$22,559	$22,084	$23,861	—
Change from previous year	9.8%	8.9%	9.8%	8.9%	12.0%	—
Not on tenure track						
Average salary	$19,621	$17,254	$19,621	$17,254	$26,113	—
Change from previous year	8.7%	7.6%	8.7%	7.6%	10.8%	—

faculty & administrators

	All institutions	All public institutions	All 4-year institutions	4-year public institutions	4-year private institutions	2-year public institutions
Institutions granting other graduate degrees						
Tenured						
Average salary	$26,263	$26,487	$26,263	$26,487	$25,654	—
Change from previous year	8.6%	7.9%	8.6%	7.9%	10.8%	—
Nontenured (tenure track)						
Average salary	$21,232	$21,448	$21,232	$21,448	$20,647	—
Change from previous year	9.6%	9.3%	9.6%	9.3%	10.3%	—
Not on tenure track						
Average salary	$17,332	$16,836	$17,332	$16,836	$18,678	—
Change from previous year	9.8%	9.5%	9.8%	9.5%	10.6%	—
Institutions granting only bachelor's degrees						
Tenured						
Average salary	$23,076	—	$23,076	—	$23,076	—
Change from previous year	10.2%	—	10.2%	—	10.2	—
Nontenured (tenure track)						
Average salary	$17,260	—	$17,260	—	$17,260	—
Change from previous year	10.0%	—	10.0%	—	10.0%	—
Not on tenure track						
Average salary	$16,719	—	$16,719	—	$16,719	—
Change from previous year	8.6%	—	8.6%	—	8.6%	—
All types combined†						
Tenured						
Average salary	$27,280	$26,941	$28,332	$28,377	$23,241	$23,424
Change from previous year	8.9%	8.3%	9.0%	8.2%	10.8%	8.7%
Nontenured (tenure track)						
Average salary	$20,978	$21,038	$21,425	$21,732	$20,807	$19,340
Change from previous year	9.9%	9.6%	9.7%	9.2%	10.8%	10.7%
Not on tenure track						
Average salary	$18,403	$17,629	$18,208	$17,022	$20,594	$19,114
Change from previous year	9.3%	8.9%	9.2%	8.6%	10.2%	9.5%

— Not applicable or insufficient data for reliable estimate

† Does not include institutions where faculty members do not have academic ranks

Note: Survey data are based on responses of 4,319 individuals, weighted to represent full-time faculty members on nine-month contracts at colleges and universities of all types except law and medical schools, proprietary institutions, private two-year colleges, and colleges with fewer than 500 students. Faculty members in the group from which the sample was drawn offered courses in the fall of 1980. Those hired for their first faculty jobs in the fall of 1981 were not included. Salary figures do not include the value of contributed services of members of religious orders or others. There is a 95-per-cent probability that the average salary figure for tenured faculty members at all institutions is within $180 of the average found in the sample. The 95-per-cent confidence intervals for other salary averages are included in a technical report on survey design and sampling statistics that will be available from John Minter Associates late in January. Specific questions may be addressed to John Minter Associates, P.O. Box 107, Boulder, Colo. 80306.

SOURCE: SURVEY DESIGNED AND CONDUCTED FOR THE CHRONICLE BY JOHN MINTER ASSOCIATES

Salary Increases for Continuing Faculty, 1981-82

	Public institutions	Indep.-private institutions	Church-related institutions	All institutions
Ph.D.-granting universities				
Professor	8.9%	11.1%	11.0%	9.4%
Associate professor	9.7%	11.2%	13.9%	10.3%
Assistant professor	10.3%	12.5%	12.3%	10.9%
Instructor	10.5%	11.3%	12.6%	10.8%
All ranks	9.5%	11.4%	12.3%	10.0%
Institutions granting other graduate degrees				
Professor	8.4%	10.7%	10.5%	9.1%
Associate professor	9.0%	10.8%	11.3%	9.7%
Assistant professor	9.2%	11.3%	11.9%	10.0%
Instructor	10.8%	10.7%	9.3%	10.6%
All ranks	8.9%	10.9%	11.1%	9.6%
Institutions granting only bachelor's degrees				
Professor	9.5%	11.7%	10.9%	11.1%
Associate professor	10.7%	11.8%	10.5%	11.0%
Assistant professor	11.8%	12.5%	12.5%	12.4%
Instructor	10.6%	12.1%	11.0%	11.3%
All ranks	10.7%	12.0%	11.3%	11.5%
2-year colleges				
Professor	8.1%	12.0%	9.4%	8.2%
Associate professor	8.8%	10.7%	12.0%	8.9%
Assistant professor	8.1%	12.4%	13.7%	8.3%
Instructor	9.5%	14.6%	10.3%	9.7%
All ranks	8.6%	12.2%	11.6%	8.7%
Institutions without academic ranks	9.8%	16.7%	8.9%	10.2%
All institutions except those without academic ranks				
Professor	8.9%	11.2%	10.8%	9.8%
Associate professor	9.4%	11.3%	11.5%	10.1%
Assistant professor	9.7%	12.1%	12.3%	11.7%
Instructor	10.4%	11.5%	10.9%	10.7%
All ranks	9.3%	11.5%	11.5%	10.1%

Note: Increases are for faculty members employed full time at the same institution last year and this year. The preliminary figures, prepared by Maryse Eymonerie Associates, are based on information from 1,094 institutions which submitted data by December 15 for the American Association of University Professors survey on faculty salary increases.

SOURCE: AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS

Average Faculty Salaries (Grades 1 through 12)

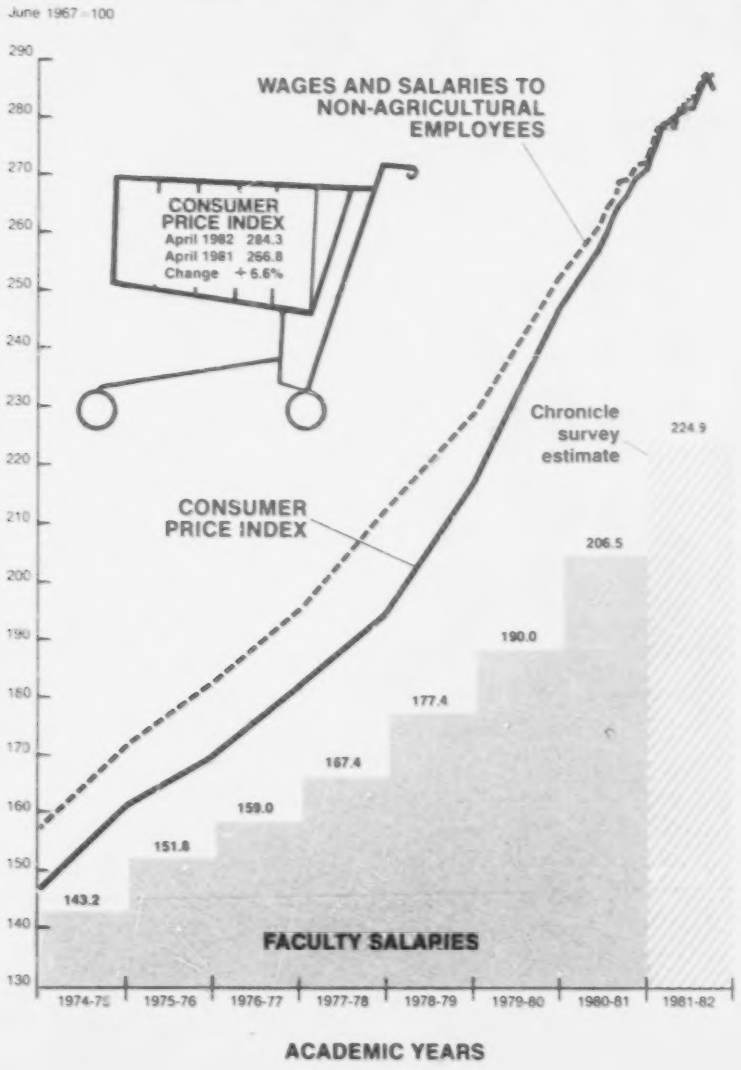
		Special Education		Elementary		Secondary	
		Bachelors	Masters	Bachelors	Masters	Bachelors	Masters
REGION 1	1979-80	$10,932	$13,800	$11,086	$13,800	$10,927	$13,800
	1980-81	12,061	13,905	11,988	13,900	11,972	13,900
	1981-82	12,382	15,512	12,442	14,756	12,462	14,756
REGION 2	1979-80	.	.	.	.	.	.
	1980-81	.	.	.	.	.	.
	1981-82	12,300	13,[illegible]00	12,300	13,150	12,300	13,150
REGION 3	1979-80	11,250	[illegible]947	11,796	13,260	11,592	13,066
	1980-81	12,173	14,021	12,162	14,207	12,522	13,889
	1981-82	13,091	14,400	12,966	12,600	12,966	12,600
REGION 4	1979-80	.	.	.	.	.	.
	1980-81	.	.	.	.	.	.
	1981-82	12,152	.	11,520	.	11,964	.
REGION 5	1979-80	.	.	.	.	.	.
	1980-81	.	.	.	.	.	.
	1981-82	11,308	12,150	11,366	12,263	11,366	12,263
REGION 6	1979-80	10,373	12,014	10,050	11,366	9,600	10,550
	1980-81	10,833	12,000	10,366	11,250	10,366	11,250
	1981-82	11,800	13,050	11,300	12,600	11,300	12,600
REGION 7	1979-80	11,110	12,157	10,830	11,996	11,121	11,988
	1980-81	11,836	12,561	11,335	12,136	11,979	12,999
	1981-82	13,096	14,039	12,596	13,414	13,096	14,093
REGION 8	1979-80	10,860	11,880	10,860	11,880	10,717	11,880
	1980-81	11,660	12,740	11,467	12,740	11,467	12,740
	1981-82	12,700	13,740	12,500	13,740	12,500	13,740
REGION 9	1979-80	.	.	.	.	.	.
	1980-81	.	.	.	.	.	.
	1981-82	11,000	12,000	11,000	12,000	11,000	12,000
ALASKA	1979-80	.	.	.	.	.	.
	1980-81	.	.	.	.	.	.
	1981-82	22,000	25,000	22,000	25,000	22,000	25,000
HAWAII	1979-80	.	.	.	.	.	.
	1980-81	.	.	.	.	.	.
	1981-82	13,271	14,245	13,271	14,245	13,271	14,245

The above average salary reports for beginning teachers are from data furnished by survey respondents. The averages in some cases are based upon limited salary input, thus reliability is not assured.

Regions are coded as follows: Alaska, Hawaii, 1-Northwest, 2-West, 3-Rocky Mountain, 4-Great Plains/Midwest, 5-South Central, 6-Southeast, 7-Great Lakes, 8-Middle Atlantic, 9-Northeast.

SOURCE: JAMES N. AKIN

Faculty Salaries vs the Cost of Living



Median Salaries of Administrators for 1981-82

	Public institutions	Private institutions	All universities	4-year institutions	2-year colleges	All institutions	1-year change	3-year average
Chief executive of a system	$63,100	$59,200	$70,000	$52,830	$57,600	$62,700	+ 6.2%	+ 8.2%
Chief executive of a single institution	52,000	50,000	62,300	50,000	46,461	51,744	+ 7.5%	+ 8.1%
Executive vice-president	46,000	40,000	53,820	39,000	41,189	43,500	+11.9%	+ 7.1%
Chief academic officer	43,000	37,525	52,800	37,715	36,630	41,110	+ 9.5%	+ 8.1%
Chief budgeting officer	33,580	31,008	36,000	28,900	29,824	33,169	+ 8.6%	+ 8.3%
Chief business officer	40,535	35,500	50,000	35,000	34,936	39,000	+ 9.1%	+ 9.2%
Chief development officer	36,500	33,700	42,039	32,500	28,688	35,000	+ 9.1%	+ 9.1%
Chief development and public-relations officer	35,076	39,984	44,300	33,389	27,864	35,800	+10.9%	+ 9.4%
Chief health-professions officer	43,224	54,400	72,345	32,000	32,182	47,960	+24.2%	+13.6%
Chief planning officer	37,640	32,100	42,070	30,555	33,120	36,570	+ 9.7%	+ 8.3%
Chief planning and budget officer	42,425	33,350	46,413	33,000	34,004	41,669	+ 6.8%	+ 7.9%
Chief public-relations officer	31,078	22,000	36,480	22,000	25,848	26,712	+11.5%	+11.1%
Chief student-affairs officer	37,837	29,052	42,465	29,318	33,612	34,330	+ 9.4%	+ 8.9%
Administrator, grants and contracts	32,400	23,850	34,000	23,200	27,512	30,070	—	—
Administrator, hospital medical center	61,500	68,000	62,402	—	—	61,500	—	—
Bursar	23,882	19,910	26,700	18,500	19,350	22,099	—	—
Comptroller	31,800	27,201	36,000	24,879	27,000	29,895	+ 9.0%	+ 8.5%
Registrar	26,660	21,929	30,000	22,320	25,420	25,468	+ 9.4%	+ 8.7%
Director, admissions	28,826	25,500	30,640	25,455	25,644	27,287	+ 9.9%	+ 9.4%
Director, admissions and financial aid	31,075	29,500	36,796	27,000	26,487	30,000	+ 8.3%	+10.6%
Director, affirmative action, equal employment	28,892	26,500	30,140	25,000	25,688	28,600	+12.2%	+10.1%
Director, alumni affairs	24,500	20,000	25,662	18,600	16,000	21,907	+ 7.3%	+ 8.0%
Director, athletics	33,867	27,350	36,586	27,229	29,500	30,902	+ 8.6%	+ 9.7%
Director, athletics, men	35,319	27,932	36,967	28,894	29,491	32,341	—	—
Director, athletics, women	28,704	21,333	28,000	21,333	28,986	25,485	—	—
Director, auxiliary services	30,804	25,000	35,040	25,438	25,155	30,000	—	—
Director, bookstore	21,000	15,120	24,660	14,609	16,721	18,150	+11.5%	+ 9.6%
Director, campus recreation and intramurals	23,149	18,126	24,500	17,316	23,023	21,660	—	—
Director, campus security	24,000	19,180	25,590	18,850	20,604	21,751	+10.9%	+ 8.8%
Director, church relations	—	19,500	25,500	18,667	—	20,000	—	—
Director, community services	29,209	22,988	30,011	23,500	29,172	28,408	+ 5.2%	+ 4.9%
Director, computer services	32,350	27,000	36,600	26,106	28,200	29,999	+10.7%	+ 9.4%
Director, development and alumni affairs	33,000	30,000	35,000	26,100	31,881	32,044	+17.0%	+ 4.7%
Director, educational-media services	27,210	19,520	27,800	19,740	23,014	23,831	—	—
Director, employee training	25,236	23,800	24,192	—	33,000	24,972	—	—
Director, food services	25,850	23,000	28,548	22,500	19,664	24,069	+ 7.8%	+ 8.3%
Director, foreign students	24,840	20,952	24,150	20,000	25,281	24,000	—	—
Director, housing and food services	—	31,176	36,000	25,640	—	—	+ 6.9%	+ 9.7%
Director, information office	24,579	21,500	28,608	20,200	21,264	23,408	+ 9.2%	+ 6.5%
Director, information systems	35,104	33,000	37,250	25,000	33,150	34,726	+11.2%	+ 0.8%
Director, institutional research	30,866	24,500	33,500	25,333	27,900	29,697	+ 8.2%	+ 7.1%
Director, internal audit	29,000	26,400	29,700	21,600	27,100	28,380	—	—
Director, international-studies education	32,244	25,761	33,602	25,000	30,400	31,000	—	—
Director, learning-resources center	30,400	20,604	32,894	21,505	29,200	26,408	—	—
Director, legal services	39,000	45,617	42,600	30,729	33,000	41,000	+10.6%	+11.8%
Director, library services	32,520	24,376	38,000	24,700	26,416	28,427	+ 8.8%	+ 9.0%
Director, news bureau	25,210	18,100	24,726	16,950	22,426	21,200	—	—
Director, personnel and affirmative action	26,729	22,000	29,478	22,000	24,024	25,530	+ 9.1%	+ 4.6%
Director, personnel and human resources	32,150	25,500	33,700	23,650	30,456	29,700	+ 8.4%	+10.2%
Director, physical plant	30,000	24,700	35,172	24,404	26,316	27,995	+ 9.3%	+ 8.8%
Director, publications	25,560	20,604	25,414	19,360	23,588	23,000	—	—

	Public institutions	Private institutions	All universities	4-year institutions	2-year colleges	All institutions	1-year change	3-year average
Director, purchasing	25,282	20,700	27,242	20,000	23,154	24,000	+ 9.7%	+ 9.3%
Director, risk management and insurance	28,548	25,000	30,218	—	22,049	27,600	—	—
Director, special and deferred gifts	30,000	25,300	30,000	23,353	27,903	27,400	—	—
Director, student counseling	29,047	22,863	29,615	22,550	27,427	26,994	+ 8.1%	+ 8.2%
Director, student financial aid	25,296	20,100	27,540	20,295	23,280	23,307	+10.8%	+ 9.1%
Director, student health services								
Physician	47,907	40,000	49,932	37,667	25,132	46,667	—	—
Nurse	20,000	15,600	19,000	15,593	18,500	17,417	—	—
Director, student housing	24,987	17,250	25,080	17,582	17,012	20,943	+10.7%	+ 7.6%
Director, student placement	25,574	19,770	26,250	19,800	22,600	22,600	+ 9.5%	+ 7.8%
Director, student union	26,145	19,000	26,145	20,000	25,463	24,000	+ 8.9%	+ 9.4%
Dean, architecture	48,072	50,000	49,500	34,667	—	48,150	+ 5.4%	+ 7.5%
Dean, agriculture	45,140	—	51,600	—	30,400	44,991	+10.2%	+ 9.7%
Dean, arts and letters	39,305	32,400	45,450	32,583	35,370	39,005	+ 8.2%	+ 5.9%
Dean, arts and sciences	42,152	43,000	46,776	40,141	32,120	42,350	+ 9.5%	+ 8.5%
Dean, business	39,238	40,667	48,048	36,816	31,621	39,828	+ 8.5%	+ 8.0%
Dean, communications	34,528	32,450	44,420	29,200	30,342	34,500	– 0.6%	+ 6.0%
Dean, continuing education	36,000	29,160	38,920	29,000	31,326	33,825	+ 9.4%	+ 8.8%
Dean, dentistry	64,719	66,780	66,769	—	37,467	64,719	+ 6.4%	+ 8.1%
Dean, education	44,000	33,722	46,440	36,043	30,009	42,239	+ 6.9%	+ 7.9%
Dean, engineering	48,072	51,084	55,000	40,125	31,288	48,700	+10.7%	+ 8.4%
Dean, experimental programs	—	—	—	20,000	34,075	—	—	—
Dean, extension	36,728	24,737	46,000	27,000	30,485	36,700	+ 2.0%	+ 4.7%
Dean, fine arts	40,700	32,000	45,000	30,667	32,275	38,848	+11.1%	+ 7.9%
Dean, graduate programs	44,855	36,400	45,500	34,856	—	42,922	+ 8.8%	+ 7.5%
Dean, health-related professions	37,000	37,450	47,540	37,000	32,976	37,000	+ 3.0%	+ 9.5%
Dean, home economics	42,080	27,650	45,600	27,864	26,085	40,146	+ 4.9%	+ 8.1%
Dean, humanities	35,552	28,837	41,508	29,500	32,578	33,205	+ 8.5%	+ 9.1%
Dean, instruction	40,538	—	—	—	40,396	—	+14.8%	+16.1%
Dean, law	60,345	62,190	62,004	—	—	61,798	+11.3%	+ 9.6%
Dean, library and information sciences	38,700	34,240	42,330	36,060	30,980	38,600	– 0.7%	+ 8.1%
Dean, mathematics	34,011	24,046	—	26,003	31,568	31,500	—	—
Dean, medicine	80,000	95,000	83,400	—	—	81,303	+ 4.1%	+ 8.0%
Dean, music	38,400	33,722	40,020	27,031	31,524	36,100	+ 8.1%	+ 7.5%
Dean, nursing	37,500	33,600	44,028	32,100	30,420	36,634	+ 6.2%	+ 6.3%
Dean, pharmacy	53,200	52,000	53,004	—	—	53,200	+ 9.1%	+ 7.4%
Dean, public health	—	—	—	—	—	—	+42.2%	+11.9%
Dean, sciences	37,300	29,200	45,570	32,277	33,732	36,000	+10.1%	+ 7.8%
Dean, social sciences	34,000	26,593	38,925	30,600	32,000	32,843	+ 8.0%	+ 8.8%
Dean, social work	46,560	35,000	48,825	28,997	—	45,840	+15.2%	+ 8.6%
Dean, special programs	30,800	26,400	—	28,880	29,390	29,390	+14.0%	+ 6.1%
Dean, undergraduate programs	39,868	36,000	45,840	33,000	33,000	39,200	+ 3.0%	+ 4.7%
Dean, veterinary medicine	—	—	60,000	—	—	—	+ 7.3%	+ 7.9%
Dean, vocational education	35,630	26,182	41,640	35,330	33,319	35,258	+ 6.1%	+ 8.7%

— No data

SOURCE: COLLEGE AND UNIVERSITY PERSONNEL ASSOCIATION

Median Administrative Salaries in 1981-82 for Men, Women, and Minority-Group Members

	Nonminority	Minority	Nonminority differential	Male	Female	Male differential
Chief executive of a single institution	$51,812	$50,000	+ 3.6%	$52,020	$44,000	+ 18.2%
Executive vice-president	43,500	41,731	+ 4.2%	44,000	35,000	+ 25.7%
Chief academic officer	41,295	40,792	+ 1.2%	42,000	37,000	+ 13.5%
Chief budgeting officer	33,500	28,194	+ 18.8%	34,106	28,194	+ 21.0%
Chief business officer	39,345	33,004	+ 19.2%	39,550	29,682	+ 33.2%
Chief development and public-relations officer	37,500	28,400	+ 32.0%	39,000	31,000	+ 25.8%
Chief development officer	35,310	32,922	+ 7.3%	36,130	28,641	+ 26.1%
Chief health-professions officer	—	—	—	64,114	30,229	+ 112.1%
Chief planning-and-budget officer	42,425	32,500	+ 30.5%	41,810	36,796	+ 13.6%
Chief planning officer	37,350	27,800	+ 34.4%	37,407	32,000	+ 16.9%
Chief public-relations officer	26,900	24,156	+ 11.4%	30,785	21,500	+ 43.2%
Chief student-affairs officer	34,100	36,060	− 5.4%	35,203	29,007	+ 21.4%
Administrator, grants and contracts	30,874	24,500	+ 26.0%	33,295	22,890	+ 45.5%
Administrator, hospital medical center						
Bursar	22,300	18,864	+ 18.2%	25,100	18,000	+ 39.4%
Comptroller	30,000	24,600	+ 22.0%	31,074	22,020	+ 41.1%
Registrar	25,500	24,596	+ 3.7%	28,600	19,647	+ 45.6%
Director, admissions	27,500	25,764	+ 6.7%	28,800	22,500	+ 28.0%
Director, admissions and financial aid	30,000	25,000	+ 20.0%	31,253	20,140	+ 55.2%
Director, affirmative action, equal employment	27,264	30,000	− 9.1%	30,729	27,315	+ 12.5%
Director, alumni affairs	22,000	20,000	+ 10.0%	25,000	18,310	+ 36.5%
Director, athletics	30,996	30,127	+ 2.9%	31,312	18,733	+ 67.1%
Director, athletics, women	25,650	19,692	+ 30.3%	22,163	25,650	− 13.6%
Director, auxiliary services	29,900	30,560	− 2.2%	30,600	18,000	+ 70.0%
Director, bookstore	18,360	16,560	+ 10.9%	22,600	14,400	+ 56.9%
Director, campus recreation	22,333	16,000	+ 39.6%	22,746	18,500	+ 23.0%
Director, campus security	21,659	24,000	− 9.8%	21,840	20,473	+ 6.7%
Director, church relations	—	—	—	21,000	15,400	+ 36.4%
Director, community services	27,882	30,880	− 9.7%	30,800	23,500	+ 31.1%
Director, computer services	30,000	26,634	+ 12.6%	30,504	22,647	+ 34.7%
Director, development and alumni affairs	—	—	—	33,580	20,800	+ 61.4%
Director, educational-media services	23,652	23,469	+ 0.8%	24,660	18,403	+ 34.0%
Director, employee training	25,236	24,000	+ 5.1%	26,800	22,752	+ 17.8%
Director, food services	24,484	22,000	+ 11.3%	25,732	19,980	+ 28.8%
Director, foreign students	24,074	22,650	+ 6.3%	25,272	19,926	+ 26.8%
Director, information office	23,320	20,680	+ 12.8%	26,469	20,500	+ 29.1%
Director, information systems	35,000	25,000	+ 40.0%	35,900	24,000	+ 49.6%
Director, institutional research	29,890	26,640	+ 12.2%	32,000	23,201	+ 37.9%
Director, internal audit	29,000	25,260	+ 14.8%	29,364	22,847	+ 28.5%
Director, international-studies education	31,000	30,504	+ 1.6%	34,356	22,909	+ 50.0%
Director, learning-resources center	28,837	26,126	+ 10.4%	30,677	23,079	+ 32.9%
Director, legal services	41,268	40,112	+ 2.9%	42,096	35,000	+ 20.3%
Director, library services	28,990	26,000	+ 11.5%	31,493	23,940	+ 31.5%
Director, news bureau	—	—	—	24,100	18,460	+ 30.6%
Director, personnel and affirmative action	25,000	25,146	− 0.6%	28,297	20,760	+ 36.3%
Director, personnel and human resources	29,796	28,000	+ 6.4%	32,922	23,100	+ 42.5%

	Nonminority	Minority	Nonminority differential	Male	Female	Male differential
Director, physical plant	28,250	23,556	+19.9%	28,000	18,000	+55.6%
Director, publications	23,122	21,000	+10.1%	26,380	20,232	+30.4%
Director, purchasing	24,189	21,809	+10.9%	25,650	17,795	+44.1%
Director, risk management and insurance	—	—	—	28,548	26,800	+ 6.5%
Director, special and deferred gifts	—	—	—	28,000	22,400	+25.0%
Director, student counseling	27,080	26,000	+ 4.2%	28,140	23,310	+20.7%
Director, student financial aid	23,100	24,864	- 7.1%	25,296	18,638	+35.7%
Director, student health services						
Physician	47,465	31,390	+51.2%	47,680	40,000	+19.2%
Nurse	17,512	16,800	+ 4.2%	19,020	17,417	+ 9.2%
Director, student housing	21,000	18,696	+12.3%	22,600	17,000	+32.9%
Director, student placement	22,667	22,700	- 0.1%	25,000	19,425	+28.7%
Director, student union	24,000	24,141	- 0.6%	25,584	18,400	+39.0%
Dean, agriculture	48,072	39,200	+22.6%	—	—	—
Dean, arts and letters	—	—	—	39,500	37,500	+ 5.3%
Dean, arts and sciences	43,170	36,000	+19.9%	43,209	35,580	+21.4%
Dean, business	40,635	32,280	+25.9%	41,258	31,298	+31.8%
Dean, communications	—	—	—	35,833	29,333	+22.2%
Dean, continuing education	33,900	32,200	+ 5.3%	35,412	27,768	+27.5%
Dean, education	42,792	39,000	+ 9.7%	43,800	35,277	+24.2%
Dean, engineering	48,700	39,250	+24.1%	—	—	—
Dean, experimental programs	—	—	—	37,130	30,500	+21.7%
Dean, extension	36,134	37,000	- 2.3%	38,280	25,251	+51.6%
Dean, fine arts	38,848	39,882	- 2.6%	39,882	30,667	+30.0%
Dean, graduate programs	43,000	40,333	+ 6.6%	43,992	37,500	+17.3%
Dean, health-related professions	36,800	37,271	- 1.3%	41,400	33,744	+22.7%
Dean, home economics	—	—	—	49,500	38,511	+28.5%
Dean, humanities	33,082	33,868	- 2.3%	35,000	31,400	+11.5%
Dean, instruction	—	—	—	39,500	41,976	- 5.9%
Dean, library and information sciences	—	—	—	42,144	32,040	+31.5%
Dean, mathematics	31,490	31,500	0.0%	31,500	28,151	+11.9%
Dean, music	36,800	33,888	+ 8.6%	35,570	19,283	+89.6%
Dean, nursing	36,634	36,000	+ 1.8%	36,000	36,700	- 1.9%
Dean, sciences	36,100	35,886	+ 0.6%	36,379	32,264	+12.8%
Dean, social sciences	33,000	33,384	- 1.2%	33,470	30,600	+ 9.4%
Dean, social work	43,600	48,000	- 9.2%	43,600	46,622	- 6.5%
Dean, special programs	29,390	31,600	- 7.0%	29,074	29,390	- 1.1%
Dean, undergraduate programs	—	—	—	39,800	35,392	+12.5%
Dean, vocational education	35,330	35,258	+ 0.2%	35,630	31,759	+12.2%

— No data

SOURCE: COLLEGE AND UNIVERSITY PERSONNEL ASSOCIATION

Women and Minority-Group Members in Administrative Posts

The number of top-level jobs held in 1978-79 and the change since 1975-76

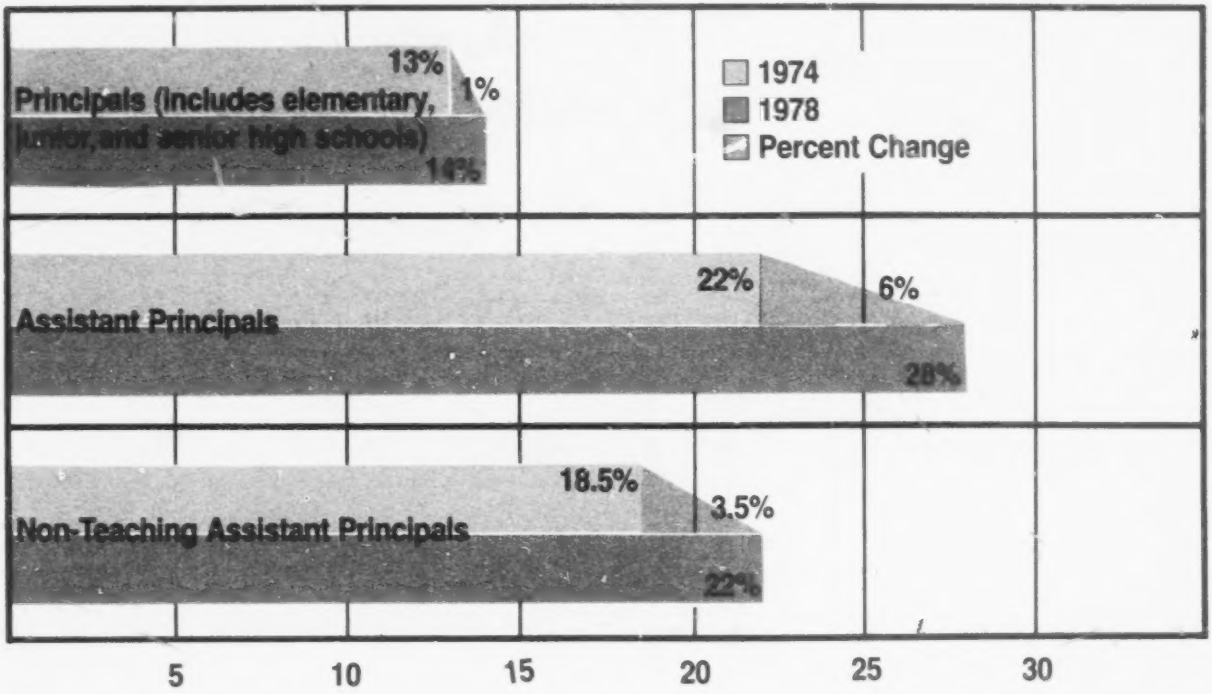
	Public Institutions*							
Position	White men	3-year change	White women	3-year change	Minority men	3-year change	Minority women	3-year change
Chief executive officer	339	+ 5	3	− 2	8	+2	0	—
Chief academic officer	236	+25	12	− 5	8	+3	1	—
Chief budget officer	89	+ 9	6	− 1	3	+2	0	—
Chief business officer	253	+15	4	+ 3	5	−1	0	—
Chief planning officer	65	− 2	4	+ 3	3	+2	2	+ 2
Chief student-affairs officer	216	+30	25	+ 9	15	−1	2	+ 1
Comptroller	141	+ 9	10	+ 2	5	+1	2	+ 1
Manager, bookstore	123	+21	56	+ 2	7	+3	0	—
Purchasing agent	159	+23	25	+ 7	5	+1	1	—
Director, affirmative action and equal employment	21	+ 6	45	+17	34	+7	26	+13
Director, athletics	185	+43	2	+ 1	5	+3	0	—
Director, community services	71	−23	13	+ 6	6	+1	1	− 1
Director, computer center	190	+24	4	+ 3	7	+5	0	—
Director, food service	80	+14	17	− 4	4	+2	1	—
Director, information office	93	− 7	42	+ 8	2	+1	0	—
Director, information systems	50	+ 1	5	+ 5	2	+2	0	− 1
Director, institutional research	113	+19	22	+ 7	4	−1	2	+ 1
Director, legal services	37	+ 5	4	+ 2	1	+1	0	− 1
Director, library services	191	+ 9	50	−10	6	+2	2	− 3
Director, personnel/human resources	113	− 6	36	+ 8	11	—	0	—
Director, student counseling	151	+23	44	+17	10	+9	3	—
Director, student housing	107	+10	19	+ 2	6	+3	0	− 1
Director, student placement	138	+ 6	27	+ 7	9	+4	5	+ 3
Director, student union	133	+17	18	+ 5	11	+8	1	—
Dean, agriculture	43	+ 3	0	—	1	+1	0	—
Dean, architecture	27	− 1	0	—	0	—	0	—
Dean, business	144	+30	8	+ 6	1	−1	2	+ 1
Dean, dentistry	15	+ 1	0	—	0	—	0	—
Dean, education	113	+15	6	+ 3	6	−4	0	− 1
Dean, engineering	82	+19	0	− 1	2	+1	0	− 1
Dean, fine arts	40	− 5	3	− 3	4	+2	0	—
Dean, graduate programs	95	+10	10	+ 4	5	+2	1	+ 1
Dean, home economics	8	+ 1	24	−11	0	−1	0	—
Dean, law	32	+ 3	0	—	0	—	0	—
Dean, medicine	26	—	0	—	0	—	0	—
Dean, music	22	− 9	3	+ 3	1	+1	0	—
Dean, nursing	3	− 5	70	+10	0	—	3	—
Dean, pharmacy	23	+ 5	0	—	0	—	0	—
Dean, social work	19	− 8	6	+ 1	3	+ 1	1	+ 1
Dean, vocational education	69	+17	0	− 1	2	—	0	—
Total	**4,126**	**+351**	**636**	**+103**	**208**	**+61**	**57**	**+15**

Position	Private institutions*							
	White men	3-year change	White women	3-year change	Minority men	3-year change	Minority women	3-year change
Chief executive officer	195	+17	9	+ 2	0	− 1	0	—
Chief academic officer	135	+ 9	16	+11	1	+ 1	0	—
Chief budget officer	28	+ 6	1	− 2	0	—	0	—
Chief business officer	148	+ 5	9	+ 2	0	− 1	0	—
Chief planning officer	27	+ 6	6	+ 5	1	+ 1	0	—
Chief student affairs officer	134	+29	4	− 9	23	+19	0	−2
Comptroller	92	− 6	14	+ 2	4	+ 3	0	−1
Manager, bookstore	67	+ 6	56	+24	4	+ 4	0	—
Purchasing agent	59	+12	13	+ 6	2	—	0	—
Director, affirmative action and equal employment	5	—	9	+ 5	6	—	2	—
Director, athletics	117	+32	3	+ 1	1	− 2	0	—
Director, community services	10	− 4	4	+ 3	3	+ 2	0	−1
Director, computer center	90	+13	8	+ 5	4	+ 4	0	—
Director, food service	38	− 3	9	− 3	2	+ 1	2	—
Director, information office	46	+ 4	23	+ 1	0	—	0	—
Director, information systems	20	+ 1	5	+ 2	0	—	0	—
Director, institutional research	35	+10	9	+ 5	1	+ 1	0	—
Director, legal services	6	+ 1	1	—	0	—	1	+1
Director, library services	99	− 2	56	+ 6	4	+ 2	3	+3
Director, personnel/human resources	38	− 7	25	+ 3	0	− 2	2	−1
Director, student counseling	60	+ 5	36	+23	4	+ 2	1	+1
Director, student housing	68	+16	41	−18	0	− 3	2	+2
Director, student placement	62	+11	51	+23	3	+ 1	2	—
Director, student union	44	+ 6	18	+ 6	1	+ 1	1	−1
Dean, agriculture	1	—	0	—	0	—	0	—
Dean, architecture	4	− 2	0	—	0	—	0	—
Dean, business	50	+ 7	2	+ 1	2	—	0	—
Dean, dentistry	6	—	0	—	0	—	0	—
Dean, education	33	− 2	5	—	0	—	0	—
Dean, engineering	25	+ 1	0	—	0	—	0	—
Dean, fine arts	17	− 1	1	− 2	0	—	0	—
Dean, graduate programs	41	+13	3	− 2	1	—	0	—
Dean, home economics	1	—	5	+ 2	0	—	0	—
Dean, law	22	+ 3	0	—	2	+ 1	0	—
Dean, medicine	6	+ 1	0	—	0	—	0	—
Dean, music	16	− 5	0	—	0	—	0	—
Dean, nursing	0	—	23	+ 2	0	—	0	—
Dean, pharmacy	5	+ 1	0	—	0	—	0	—
Dean, social work	5	− 6	1	− 1	2	+ 2	0	—
Dean, vocational education	1	− 1	0	—	0	—	0	—
Total	**1,856**	**+176**	**466**	**+103**	**71**	**+36**	**16**	**+1**

* Does not include predominantly black or single-sex institutions.
— No change.

SOURCE: COLLEGE AND UNIVERSITY PERSONNEL ASSOCIATION

Proportion of Women Administrators in the Public Schools



SOURCE: NATIONAL ADVISORY COUNCIL ON WOMEN'S EDUCATIONAL PROGRAMS

BEST AVAILABLE COPY

Faculty Earnings Beyond Base Salary, 1980-81

Annual income above base salary earned within the institution

Discipline group	Public 4-year institutions			Private 4-year institutions			All institutions		
	Per cent reporting earnings	Average amount of earnings	Per cent of base salary	Per cent reporting earnings	Average amount of earnings	Per cent of base salary	Per cent reporting earnings	Average amount of earnings	Per cent of base salary
Arts (a)									
Professor	47.4%	$3,685	13.4%	47.1%	$3,540	11.7%	46.2%	$3,637	12.8%
Assoc. professor	77.3%	2,669	12.0%	62.5%	1,659	7.4%	70.3%	2,429	10.9%
Ass't professor	58.3%	2,098	12.0%	50.0%	1,739	9.3%	56.1%	1,876	10.7%
All ranks†	64.3%	2,746	12.9%	51.2%	2,283	8.9%	58.2%	2,563	11.5%
Business (b)									
Professor	67.5%	$6,467	21.3%	58.6%	$5,123	16.8%	65.4%	$5,037	17.7%
Assoc. professor	80.8%	5,712	22.8%	86.4%	3,918	15.8%	80.4%	4,840	20.3%
Ass't professor	62.5%	4,667	21.3%	71.4%	4,070	20.6%	71.0%	4,083	19.8%
All ranks†	70.2%	5,475	21.1%	68.6%	4,417	17.7%	70.8%	4,566	18.8%
Engineering (c)									
Professor	74.2%	$6,755	21.0%	72.7%	$7,911	26.8%	70.1%	$7,139	22.8%
Assoc. professor	63.6%	5,873	23.1%	91.7%	6,482	28.3%	70.3%	5,844	23.5%
Ass't professor	–	—	—	—	—	—	78.6%	4,391	20.3%
All ranks†	70.1%	5,832	21.5%	82.1%	7,096	27.5%	72.5%	5,770	22.5%
Humanities (d)									
Professor	42.4%	$3,347	11.7%	64.5%	$2,586	9.9%	55.4%	$3,380	12.8%
Assoc. professor	67.6%	4,136	18.6%	68.2%	1,842	9.0%	69.1%	3,796	17.3%
Ass't professor	52.4%	2,259	12.5%	52.4%	1,380	8.2%	55.8%	2,047	11.6%
All ranks†	54.3%	3,427	15.2%	65.9%	2,265	10.3%	61.6%	3,176	14.5%
Physical education (e)									
Professor	—	—	—	—	—	—	57.1%	$4,040	16.4%
Assoc. professor	—	—	—	—	—	—	82.1%	3,629	16.1%
Ass't professor	—	—	—	—	—	—	84.6%	3,470	18.7%
All ranks†	65.4%	$3,979	18.3%	87.0%	$4,076	19.2%	73.0%	3,818	17.7%
Sciences (f)									
Professor	55.7%	$4,807	16.2%	63.9%	$5,003	18.9%	60.8%	$4,688	17.0%
Assoc. professor	82.5%	3,952	17.0%	68.2%	2,622	13.2%	76.7%	3,374	15.2%
Ass't professor	64.0%	3,593	19.2%	60.0%	3,307	17.3%	60.6%	3,340	17.5%
All ranks†	65.5%	4,404	17.6%	62.5%	3,979	17.3%	65.2%	4,064	17.1%
Social sciences (g)									
Professor	67.4%	$4,402	15.4%	72.7%	$3,909	13.8%	71.6%	$3,877	14.4%
Assoc. professor	76.2%	4,142	18.6%	76.0%	3,735	16.7%	72.2%	3,758	17.1%
Ass't professor	50.0%	3,926	20.9%	61.5%	2,508	14.5%	60.0%	3,208	17.7%
All ranks†	67.9%	4,099	17.1%	68.4%	3,536	15.4%	67.8%	3,616	15.9%
Vocational education (h)									
Professor	—	—	—	—	—	—	85.0%	$3,115	10.8%
Assoc. professor	63.6%	$3,462	15.3%	—	—	—	67.4%	3,447	16.3%
Ass't professor	59.4%	3,127	16.4%	69.2%	$2,687	15.4%	65.2%	2,823	15.4%
All ranks†	63.3%	3,409	15.6%	65.1%	2,767	15.0%	66.5%	3,082	15.1%

Annual income above base salary earned outside the institution

Discipline group	Public 4-year institutions			Private 4-year institutions			All institutions		
	Per cent reporting earnings	Average amount of earnings	Per cent of base salary	Per cent reporting earnings	Average amount of earnings	Per cent of base salary	Per cent reporting earnings	Average amount of earnings	Per cent of base salary
Arts (a)									
Professor	63.2%	$2,386	8.1%	70.6%	$6,751	21.7%	64.1%	$3,837	12.8%
Assoc. professor	63.6%	1,682	8.2%	100.0%	3,224	15.4%	67.6%	2,583	12.1%
Ass't professor	62.5%	1,857	9.9%	71.4%	1,433	7.6%	63.4%	1,716	9.1%
All ranks†	64.3%	2,243	9.9%	76.7%	4,944	19.3%	64.9%	3,326	14.1%
Business (b)									
Professor	62.5%	$7,532	24.0%	82.8%	$6,834	21.2%	64.2%	$6,010	20.2%
Assoc. professor	65.4%	5,915	23.8%	68.2%	7,026	28.3%	66.1%	5,797	24.5%
Ass't professor	54.2%	2,993	13.9%	42.9%	2,778	13.7%	48.4%	3,229	15.7%
All ranks†	59.6%	5,830	21.8%	67.4%	5,941	22.8%	60.6%	5,287	21.1%
Engineering (c)									
Professor	87.1%	$4,670	14.9%	72.7%	$4,445	15.0%	80.6%	$4,146	14.0%
Assoc. professor	72.7%	6,998	27.8%	91.7%	9,663	41.1%	75.7%	10,489	43.6%
Ass't professor	—	—	—	—	—	—	64.3%	3,988	18.8%
All ranks†	76.1%	5,547	20.1%	76.8%	6,945	26.7%	75.4%	6,741	25.9%
Humanities (d)									
Professor	24.2%	$3,163	10.5%	54.8%	$2,324	8.5%	40.5%	$2,425	8.7%
Assoc. professor	38.2%	2,716	12.0%	54.5%	669	3.2%	44.1%	2,086	9.5%
Ass't professor	47.6%	2,201	12.5%	33.3%	905	6.0%	36.5%	3,217	19.1%
All ranks†	35.1%	2,917	13.0%	48.8%	1,866	8.1%	37.9%	2,628	11.8%
Phys ed (e)									
Professor	—	—	—	—	—	—	32.1%	$2,250	8.0%
Assoc. professor	—	—	—	—	—	—	32.1%	1,518	6.9%
Ass't professor	—	—	—	—	—	—	38.5%	2,377	13.5%
All ranks†	32.7%	$1,499	6.3%	43.5%	$2,497	11.1%	31.5%	2,190	9.8%
Sciences (f)									
Professor	51.4%	$3,715	12.1%	49.2%	$3,566	13.1%	48.3%	$3,968	14.2%
Assoc. professor	37.5%	1,979	9.2%	31.8%	4,814	24.6%	35.9%	2,846	13.3%
Ass't professor	—	—	—	28.6%	3,347	18.7%	22.7%	2,865	14.9%
All ranks†	39.6%	3,420	12.2%	38.2%	4,020	16.8%	37.1%	3,470	13.6%
Social sciences (g)									
Professor	65.2%	$2,628	8.7%	63.6%	$4,740	15.6%	64.9%	$2,955	10.5%
Assoc. professor	69.0%	3,311	14.8%	56.0%	1,115	5.1%	57.0%	2,564	12.0%
Ass't professor	31.8%	1,219	6.7%	34.6%	6,378	35.1%	28.3%	2,734	15.5%
All ranks†	59.8%	2,623	10.4%	48.7%	3,844	15.9%	48.7%	2,775	11.8%
Voc ed (h)									
Professor	—	—	—	—	—	—	60.0%	$2,365	7.9%
Assoc. professor	50.0%	$4,135	17.8%	—	—	—	55.8%	4,940	23.0%
Ass't professor	59.4%	4,280	22.2%	65.4%	2,366	14.3%	62.1%	3,251	17.7%
All ranks†	55.7%	3,461	16.4%	60.5%	3,013	17.0%	58.5%	3,512	17.6%

— Indicates too little data for reliable estimate.
† Includes instructor.
(a) Includes architecture, cinema, dance, music, and theater.
(b) Includes economics.
(c) Includes computer science.
(d) Includes classics, English, languages, journalism, literature, philosophy, religion, and speech.
(e) Includes coaching and recreation.

Total annual income above base salary

Discipline group	Public 4-year institutions			Private 4-year institutions			All institutions		
	Per cent reporting earnings	Average amount of earnings	Per cent of base salary	Per cent reporting earnings	Average amount of earnings	Per cent of base salary	Per cent reporting earnings	Average amount of earnings	Per cent of base salary
Arts (a)									
Professor	84.2%	$3,835	13.7%	82.4%	$7,969	26.1%	79.5%	$5,210	18.1%
Assoc. professor	95.5%	3,624	16.5%	100.0%	4,525	21.6%	89.2%	4,250	19.6%
Ass't professor	79.2%	3,022	16.6%	71.4%	2,993	15.9%	75.6%	2,687	15.0%
All ranks†	87.1%	3,623	16.4%	81.4%	6,198	24.2%	80.6%	4,475	19.7%
Business (b)									
Professor	82.5%	$11,240	37.0%	96.6%	$9,312	29.6%	86.4%	$8,799	30.5%
Assoc. professor	88.5%	9,879	40.0%	90.9%	8,767	35.6%	87.5%	8,872	37.9%
Ass't professor	79.2%	6,086	27.7%	85.7%	5,162	25.8%	83.9%	5,512	26.6%
All ranks†	83.0%	9,066	34.9%	91.9%	7,860	30.8%	86.7%	7,747	31.7%
Engineering (c)									
Professor	93.5%	$9,710	30.9%	81.8%	$11,141	38.1%	88.1%	$8,535	29.0%
Assoc. professor	90.9%	10,127	40.0%	100.0%	14,836	63.7%	91.9%	11,866	48.4%
Ass't professor	—	—	—	—	—	—	96.4%	6,794	32.6%
All ranks†	92.5%	8,849	33.0%	89.3%	12,544	48.7%	91.3%	9,724	38.1%
Humanities (d)									
Professor	51.5%	$4,553	15.7%	80.6%	$3,712	14.0%	67.6%	$4,244	15.7%
Assoc. professor	73.5%	5,170	23.5%	86.4%	2,119	10.3%	79.4%	4,595	21.1%
Ass't professor	81.0%	2,845	16.0%	61.9%	1,449	9.1%	75.0%	2,703	15.4%
All ranks†	66.0%	4,421	19.8%	79.3%	3,169	14.0%	73.2%	4,096	18.6%
Physical education (e)									
Professor	—	—	—	—	—	—	71.4%	$4,115	16.2%
Assoc. professor	—	—	—	—	—	—	85.7%	4,096	18.3%
Ass't professor	—	—	—	—	—	—	88.5%	4,174	22.4%
All ranks†	75.0%	$4,048	17.9%	91.3%	$5,299	25.0%	79.8%	4,299	19.6%
Sciences (f)									
Professor	80.0%	$5,748	19.1%	83.6%	$6,488	24.0%	81.1%	$5,932	21.2%
Assoc. professor	90.0%	4,535	19.6%	81.8%	4,142	20.9%	85.4%	4,374	19.8%
Ass't professor	68.0%	3,830	20.5%	71.4%	4,520	25.3%	69.7%	3,925	20.9%
All ranks†	80.6%	5,201	20.1%	78.5%	5,335	23.3%	78.9%	5,136	21.1%
Social sciences (g)									
Professor	89.1%	$5,350	18.0%	86.4%	$6,808	23.8%	89.2%	$5,335	19.4%
Assoc. professor	90.5%	5,701	25.4%	96.0%	3,367	15.0%	88.6%	4,464	20.3%
Ass't professor	63.6%	3,562	19.1%	73.1%	4,396	25.5%	70.0%	3,564	19.8%
All ranks†	84.8%	5,078	20.6%	82.9%	5,199	22.7%	81.7%	4,640	20.2%
Vocational education (h)									
Professor	—	—	—	—	—	—	90.0%	$4,909	17.0%
Assoc. professor	77.3%	$5,419	23.5%	—	—	—	81.4%	6,528	30.6%
Ass't professor	78.1%	5,667	29.6%	84.6%	$4,398	26.1%	81.8%	4,846	26.6%
All ranks†	79.7%	5,088	23.6%	81.4%	4,823	27.2%	82.3%	5,190	25.8%

(f) Includes mathematics.
(g) Includes education.
(h) Includes agriculture, electronic and engineering technology, health, home economics, nursing, occupational and physical therapy, and textiles.
(i) One-fourth of the faculty members reporting other earnings received more than this amount.
(j) One-half of the faculty members reporting other earnings received more than this amount.
(k) One-fourth of the faculty members reporting other earnings received less than this amount.

Quartile distribution of total income above base salary

	Public 4-year institutions			Private 4-year institutions			All institutions		
	High (i)	Median (j)	Low (k)	High (i)	Median (j)	Low (k)	High (i)	Median (j)	Low (k)
Arts									
Professor	$3,200	$3,000	$2,000	$6,300	$3,500	$1,350	$5,200	$3,089	$1,350
Assoc. professor	5,078	2,700	1,500	6,000	4,503	2,600	5,833	3,500	2,500
Ass't professor	4,000	2,700	1,700	4,645	3,000	1,500	4,000	3,000	1,500
All ranks†	4,500	3,000	1,900	5,200	3,000	1,350	5,078	3,000	1,500
Business									
Professor	$13,200	$7,700	$5,000	$15,708	$8,000	$3,500	$15,000	$7,000	$3,000
Assoc. professor	11,500	7,000	4,800	12,000	7,000	3,000	12,000	6,800	4,000
Ass't professor	9,800	4,800	2,500	6,500	2,500	1,000	6,900	3,600	1,500
All ranks†	11,500	6,500	4,200	10,000	5,000	2,000	10,000	6,000	2,250
Engineering									
Professor	$13,342	$10,000	$6,000	$15,000	$12,000	$8,225	$14,522	$12,000	$6,000
Assoc. professor	12,000	8,900	5,575	25,500	7,400	5,500	15,000	8,900	5,500
Ass't professor	—	—	—	—	—	—	7,000	4,300	2,700
All ranks†	12,500	8,000	5,000	14,522	9,300	5,500	13,342	8,900	5,000
Humanities									
Professor	$4,000	$2,800	$1,800	$1,571	$2,765	$1,500	$4,800	$2,800	$1,750
Assoc. professor	8,000	3,700	2,400	3,350	1,900	1,150	4,500	2,500	1,500
Ass't professor	3,700	1,340	520	2,700	1,300	600	3,400	1,450	600
All ranks†	5,000	3,000	1,340	3,700	2,250	1,400	4,000	2,450	1,400
Physical education(e)									
Professor	—	—	—	—	—	—	$6,725	$4,100	$1,400
Assoc. professor	—	—	—	—	—	—	6,000	3,000	2,000
Ass't professor	—	—	—	—	—	—	6,000	3,300	1,455
All ranks†	$5,750	$3,867	$2,000	$6,000	$2,700	$1,475	6,000	3,300	1,800
Sciences(f)									
Professor	$8,034	$5,619	$3,000	$7,200	$3,500	$1,700	$8,034	$4,100	$2,000
Assoc. professor	7,000	4,500	3,000	4,500	2,000	1,200	5,000	3,000	1,560
Ass't professor	4,242	3,500	2,500	5,000	3,200	1,000	5,000	3,200	1,275
All ranks†	7,031	4,500	3,000	5,044	3,000	1,500	6,000	3,500	1,750
Social sciences(g)									
Professor	$6,400	$4,600	$2,500	$5,000	$4,200	$1,500	$6,400	$4,400	$1,900
Assoc. professor	6,100	4,084	2,500	4,850	2,800	1,200	5,500	3,000	1,700
Ass't professor	5,000	4,000	1,869	8,800	3,000	1,025	5,500	3,330	1,050
All ranks†	6,300	4,084	2,500	5,500	2,800	1,200	5,843	3,330	1,800
Vocational education(h)									
Professor	—	—	—	—	—	—	$8,956	$5,180	$2,300
Assoc. professor	$6,400	$4,000	$1,250	—	—	—	7,300	4,025	1,700
Ass't professor	6,200	3,125	1,200	$5,100	$3,685	$2,100	5,500	3,300	2,100
All ranks†	6,000	3,125	1,600	5,500	3,685	2,100	6,000	3,700	2,000

Note: Survey data are based on responses of 4,319 individuals, weighted to represent full-time faculty members on nine-month contracts at colleges and universities of all types except law and medical schools, proprietary institutions, private two-year colleges, and colleges with fewer than 500 students. Faculty members in the group from which the sample was drawn were those who offered courses in the fall of 1980. Those hired for their first faculty jobs in the fall of 1981 were not included.

SOURCE: SURVEY FOR THE CHRONICLE BY JOHN MINTER ASSOCIATES

Teacher Supply/Demand by Field and Region

REGION	Alaska	Hawaii	1	2	3	4	5	6	7	8	9
Field											
Agriculture	2.00	4.00	4.75	4.33	4.33	4.00	4.00	4.50	5.00	4.00	4.00
Art	1.00	1.00	1.50	1.33	1.86	2.43	1.86	1.50	2.67	1.71	1.33
Bilingual Education	5.00	4.00	4.00	4.43	3.33	4.67	4.20	4.67	4.40	3.40	4.00
Business Education	5.00	4.00	3.83	3.80	3.50	3.43	2.57	3.33	3.67	4.00	3.00
Counselor-El.	4.00	4.00	2.67	3.17	2.75	3.60	3.25	2.33	2.60	1.83	2.00
Counselor-Sec.	4.00	4.00	2.83	3.17	3.00	3.50	2.63	2.17	3.17	2.33	2.25
Data Processing	4.00	—	4.00	4.50	4.33	4.75	4.25	3.67	4.33	4.17	4.00
Driver's Ed.	2.00	—	2.80	3.33	4.00	2.60	3.17	2.50	2.40	1.50	2.00
Elementary-Primary	1.00	1.00	1.83	2.57	2.00	2.29	3.13	1.83	1.33	1.29	1.25
Elementary-Inter.	1.00	1.00	1.83	2.57	2.50	2.71	3.25	2.33	1.83	1.43	1.25
English	3.00	3.00	2.33	3.00	2.57	3.86	4.13	3.50	3.60	3.43	1.75
Health Ed.	1.00	2.00	1.33	1.50	2.25	2.20	2.25	1.67	1.83	2.29	1.33
Home Economics	5.00	2.00	3.00	3.20	2.50	2.20	2.33	1.40	2.00	3.00	2.00
Industrial Arts	5.00	4.00	4.40	4.67	4.25	4.33	4.80	3.80	4.50	4.40	4.00
Journalism	—	—	1.75	2.20	2.50	3.40	3.13	2.20	2.80	3.00	1.50
Language-French	—	2.00	1.67	2.14	2.60	3.00	3.33	2.17	2.83	2.71	1.33
Language-German	—	2.00	1.67	2.00	2.50	3.00	3.17	2.50	3.00	2.50	1.00
Language-Spanish	—	2.00	2.00	2.57	2.50	3.00	3.00	2.75	3.33	2.71	1.67
Library Science	5.00	3.00	2.40	2.60	3.40	3.57	3.80	2.50	3.33	3.20	2.00
Mathematics	4.00	4.00	4.33	4.71	4.86	4.86	5.00	5.00	5.00	4.86	4.50
Music-Instr.	5.00	2.00	3.33	4.00	3.71	4.14	3.25	3.00	3.17	2.17	2.00
Music-Vocal	5.00	2.00	3.50	3.17	3.43	2.86	3.25	2.83	3.00	2.17	1.75
Physical Education	3.00	1.00	1.20	1.71	1.67	1.50	2.38	1.50	1.50	2.14	1.00
Psychologist (school)	2.50	—	3.00	3.43	3.80	4.17	3.80	3.20	3.50	3.17	2.00
Science-Biology	1.00	5.00	2.83	3.57	3.33	3.86	4.00	3.33	3.83	4.29	3.67
Science-Chemistry	1.00	5.00	4.00	4.00	4.17	4.43	4.38	4.33	4.67	3.14	4.00
Science-Earth	1.00	5.00	3.83	3.71	3.83	4.00	4.13	3.60	3.83	4.29	3.33
Science-Physics	1.00	5.00	3.83	4.00	4.17	4.71	4.50	4.17	4.83	4.86	4.67
Social Science	1.00	1.00	1.33	1.71	2.29	2.00	2.75	2.50	2.17	2.17	1.67
Social Worker (school)	—	—	2.00	2.00	2.67	3.00	4.00	2.00	2.60	1.75	—
Speech	3.00	1.00	2.40	3.00	2.60	2.43	3.38	3.00	2.67	2.80	1.50
Special-ED (PSA)	5.00	5.00	3.50	4.00	4.80	4.43	3.57	4.17	4.17	3.86	3.00
Special-Gifted	5.00	—	3.40	3.60	4.25	4.00	3.86	4.00	4.33	3.43	4.00
Special-LD	5.00	5.00	3.60	4.33	4.80	4.43	4.13	4.33	4.67	3.57	4.00
Special-MR	5.00	5.00	3.40	4.20	4.80	3.86	3.88	3.50	3.40	3.86	3.67
Special-Multi. Handi.	5.00	5.00	3.60	4.00	4.75	4.00	4.00	3.67	3.80	4.00	3.67
Special-Reading	3.00	4.00	4.00	3.50	4.25	4.00	4.00	4.00	3.33	3.33	3.00
Speech Path./Audiology	5.00	3.00	3.00	4.20	4.25	4.00	3.71	4.50	4.67	3.17	4.00
COMPOSITE	**3.29**	**3.22**	**2.88**	**3.21**	**3.34**	**3.42**	**3.40**	**3.07**	**3.33**	**3.08**	**2.59**

Regions are coded as follows. Alaska, Hawaii, 1-Northwest, 2-West, 3-Rocky Mountain, 4-Great Plains/Midwest, 5-South Central, 6-Southeast, 7-Great Lakes, 8-Middle Atlantic, 9-Northeast.

5 = Considerable Shortage, 4 = Slight Shortage, 3 = Balanced, 2 = Slight Surplus, 1 = Considerable Surplus

SOURCE: JAMES N. AKIN

Employed Teachers and Teacher Layoffs In Public and Private Elementary and Secondary Schools: United States, Spring 1979

Field of Assignment	Employed Teachers Number	Employed Teachers Percent of all Teachers	Layoffs Number	Layoffs Percent of all Layoffs	Layoffs as a Percentage of Employed Teachers
Total	2,552,000	100.0	23,900	100.0	.9
Preprimary	99,000	3.9	1,300	5.5	1.3
Primary and general elementary	899,000	35.2	7,800	32.8	.9
Art	57,000	2.2	1,100	4.5	1.9
Basic skills and remedial education	9,000	.3	100	.5	1.3
Bilingual education	22,000	.9	200	1.0	1.1
Biology	30,000	1.2	300	1.1	.9
Business	45,000	1.8	400	1.7	.9
English language arts	188,000	7.4	1,800	7.6	1.0
Foreign languages	53,000	2.1	800	3.3	1.5
General science	76,000	3.0	700	3.0	.9
Health, physical education	158,000	6.2	1,100	4.7	.7
Home economics	36,000	1.4	500	2.3	1.5
Industrial arts	41,000	1.6	400	1.8	1.0
Mathematics	150,000	5.9	1,100	4.4	.7
Music	87,000	3.4	900	3.7	1.0
Reading	73,000	2.9	400	1.5	.5
Physical sciences	25,000	1.0	100	.5	.5
Social studies and social sciences	143,000	5.6	1,300	5.5	.9
Special education	219,000	8.6	2,700	11.5	1.2
Vocational education	101,000	4.0	600	2.5	.6
Other	39,000	1.5	100	.4	.3

SOURCE: NATIONAL CENTER FOR EDUCATION STATISTICS

Employed Teachers and Teacher Shortages In Public and Private Elementary and Secondary Schools: United States, Spring 1979

Field of Assignment	Employed Teachers Number	Employed Teachers Percent of all Teachers	Shortages Number	Shortages Percent of all Shortages	Shortages as a Percentage of Employed Teachers
Total	2,552,000	100.0	11,300	100.0	.4
Preprimary	99,000	3.9	700	6.3	.7
Primary and general elementary	889,000	35.2	2,600	23.3	.3
Art	57,000	2.2	100	.8	.2
Basic skills and remedial education	9,000	.3	—	—	—
Bilingual education	22,000	.9	400	3.7	1.9
Biology	30,000	1.2	100	.9	.3
Business	45,000	1.8	200	1.8	.4
English language arts	188,000	7.4	200	2.2	.1
Foreign languages	53,000	2.1	100	1.1	.2
General science	76,000	3.0	200	2.1	.3
Health, physical education	158,000	6.2	100	1.2	.1
Home economics	36,000	1.4	—	—	.1
Industrial arts	41,000	1.6	600	5.3	1.4
Mathematics	150,000	5.9	900	8.3	.6
Music	87,000	3.4	200	1.4	.2
Reading	73,000	2.9	300	2.8	.4
Physical sciences	25,000	1.0	600	5.5	2.4
Social studies and social sciences	143,000	5.6	100	.8	—
Special education	219,000	8.6	3,200	28.3	1.5
Vocational education	101,000	4.0	300	2.9	.3
Other	39,000	1.5	100	1.1	.3

Note: Percentages calculated on unrounded numbers.

SOURCE: NATIONAL CENTER FOR EDUCATION STATISTICS

Relative Demand by Teaching Area and Year

Continental United States

	1982	1981	1980	1979	1978	1976
Teaching fields with considerable teacher shortage.....(5.00-4.25):						
Mathematics	4.81	4.79	4.80	4.68	4.40	3.86
Science-Physics	4.41	4.56	4.28	4.36	3.91	4.04
Industrial Arts	4.36	4.72	4.77	4.68	4.65	4.22
Vocational Agriculture	4.36	4.46	4.73	4.67	4.69	4.06
Teaching fields with slight teacher shortage .....(4.24-3.45):						
Special Education (learning disabled)	4.20	4.47	4.48	4.50	4.45	4.00
Bilingual Education	4.13	4.10	4.21	4.32	—	—
Science-Chemistry	4.13	4.42	4.18	4.09	3.97	3.72
Special Education (emotionally disturbed)	3.98	4.22	4.36	4.22	3.96	3.42
Speech Path./Audiology	3.95	4.27	4.17	3.83	3.83	3.68
Special Education-Multi. Handicapped	3.93	4.13	3.87	3.24	—	—
Science-Earth	3.89	4.08	3.64	3.82	3.50	3.44
Data Processing	3.86	—	—	—	—	—
Special Education (mentally retarded)	3.84	4.14	4.23	4.39	3.52	2.87
Special Education-Gifted	3.81	4.10	4.33	4.56	3.95	3.85
Special Education-Reading	3.73	4.21	4.23	4.27	4.09	3.96
Science-Biology	3.66	3.98	3.50	3.49	3.11	2.97
School Psychologist	3.56	3.70	3.87	3.43	3.68	3.09
Business	3.47	3.50	3.80	3.65	3.52	3.10
Teaching fields with balanced supply and demand .....(3.44-2.65):						
Music-Instrumental	3.28	3.33	3.65	3.33	3.30	3.03
English	3.21	3.37	3.51	2.78	2.30	2.05
Library Science	3.12	3.31	3.58	4.26	—	—
Music-Vocal	2.95	3.00	3.32	2.97	3.03	3.00
Counselor-Secondary	2.79	3.13	3.76	3.03	3.31	2.69
Driver's Education	2.77	2.87	2.98	3.06	2.63	2.44
Speech	2.76	2.65	2.50	2.47	2.48	2.46
Counselor-Elementary	2.72	3.05	3.38	2.96	3.00	3.15
Language, Modern Spanish	2.68	2.95	3.34	2.88	2.84	2.47
Teaching fields with slight surplus of teachers.....(2.64-1.85):						
Journalism	2.61	2.77	2.98	2.50	2.54	2.86
Language, Modern French	2.49	2.58	2.68	2.49	2.15	2.15
Language, Modern German	2.48	2.58	2.70	2.17	2.28	2.03
Home Economics	2.43	2.54	2.85	2.67	2.37	2.62
Social Worker (School)	2.34	—	—	—	—	—
Elementary-Intermediate	2.26	2.56	2.84	2.33	1.97	1.90
Social Science	2.11	2.05	1.96	1.83	1.51	1.51
Elementary-Primary	2.02	2.24	2.77	2.19	1.84	1.78
Health Education	1.90	2.24	2.17	2.16	2.38	2.27
Teaching field with considerable surplus of teachers.....(1.84-1.00):						
Art	1.84	2.00	2.45	2.06	1.72	2.14
Physical Education	1.72	1.80	1.82	1.67	1.86	1.74

Key: 5 = Greatest Demand, 1 = Least Demand

Based upon a survey of teacher placement officers

SOURCE: JAMES N. AKIN

Status of the American Public School Teacher, 1980-81

	1961	1966	1971	1976	1981
PROFESSIONAL PREPARATION					
Highest degree held (percent)					
Less than bachelor's	14.6	7.0	2.9	0.9	0.4
Bachelor's	61.9	69.6	69.6	61.6	50.1
Master's or 6 years	23.1	23.2	27.1	37.1	49.3
Doctor's	0.4	0.1	0.4	0.4	0.3
Competency testing					
Teachers required to pass competency test	....[1]	....[1]	....[1]	....[1]	21.7
TEACHING EXPERIENCE					
Years of experience					
Median total years:					
All teachers	11.0	8.0	8.0	8.0	12.0
Males	7.1	6.5	8.0	9.0	13.0
Females	14.2	10.0	8.0	8.0	11.0
Median years in present system:					
All teachers	6.2	5.0	5.0	6.0	9.0
Males	4.6	4.0	5.0	7.0	11.0
Females	7.4	5.0	5.0	6.0	9.0
Teachers teaching for first year (percent)					
All teachers	8.0	9.1	9.1	5.5	2.4
Males	10.9	8.1	9.8	6.5	1.4
Females	6.6	9.6	8.8	5.1	3.0
TEACHING ASSIGNMENT STAFFING PATTERNS					
Size of school staff					
Mean number of classroom teachers:					
All teachers	....[1]	39	42	43	39
Elementary	....[1]	23	25	26	23
Secondary	....[1]	57	61	60	53
Mean number of additional professional personnel in school:					
All teachers	....[1]	....[1]	7	7	7
Elementary	....[1]	....[1]	4	5	5
Secondary	....[1]	....[1]	9	10	9
School level for teachers (percent)					
Elementary	56.9	52.5	52.7	48.8	49.2
Middle/junior high school	16.8[2]	17.1[2]	17.8[2]	21.6[2]	27.4
Senior high school	26.3[3]	30.4[3]	30.6[3]	29.6[3]	33.0
Subjects taught by secondary teachers (percent)					
Agriculture	2.6	1.6	0.6	0.6	1.0
Art	2.2	2.0	3.7	2.4	3.5
Business education	7.6	7.0	5.9	4.6	5.6
English	19.0	18.1	20.4	19.9	24.8
Foreign language	4.1	6.4	4.8	4.2	2.7
Health and physical education	8.2	6.9	8.3	7.9	6.5
Home economics	5.1	5.9	5.1	2.8	3.2
Industrial arts	5.5	5.1	6.2	3.9	4.7
Mathematics	11.4	13.9	14.4	18.2	15.8

	1961	1966	1971	1976	1981
Music	1.7	4.7	3.8	3.0	4.4
Science	11.7	10.8	10.6	13.1	11.7
Social studies	12.9	15.3	14.0	12.4	10.9
Special education	0.3	0.4	1.1	3.0	2.1
Other	1.0	1.9	1.0	4.0	3.1
Teachers with male principals (percent)					
All teachers	....[1]	....[1]	89.1	90.7	88.0
Elementary	....[1]	....[1]	80.3	83.4	80.5
Secondary	....[1]	....[1]	98.8	97.7	95.3
Race of principal (percent)					
Black	....[1]	....[1]	5.7	7.9	8.2
White	....[1]	....[1]	91.7	91.0	90.8
Other	....[1]	....[1]	2.7	1.1	0.9
TEACHING ASSIGNMENT: PUPILS					
Pupil load					
Elementary teachers, not departmentalized:					
Mean number of pupils in class	29	28	27	25	25
Elementary teachers, departmentalized:					
Mean number of periods taught per day	....[1]	....[1]	6	6	6
Mean number of pupils taught per day	....[1]	....[1]	140	131	121
Mean number of pupils per class	....[1]	....[1]	25	23	22
Secondary teachers:					
Mean number of periods taught per day	5	5	5	5	5
Mean number of pupils taught per day	138	132	134	126	118
Mean number of pupils per class	28	26	27	25	23
Economic class of majority of pupils taught (percent)					
Upper class	....[1]	....[1]	0.9	0.6	1.0
Upper middle class	....[1]	....[1]	21.9	15.9	17.2
Lower middle class	....[1]	....[1]	36.8	42.4	42.2
Lower class	....[1]	....[1]	15.2	18.0	16.5
Mixed economic classes	....[1]	....[1]	25.2	23.2	23.0
Type of community where school is located (percent)					
Urban	....[1]	....[1]	34.4	26.5	22.9
Suburban	....[1]	....[1]	24.4	28.0	25.6
Rural or small-town	....[1]	....[1]	41.2	45.5	51.4
TEACHING ASSIGNMENT: HOURS					
Mean number of hours per week spent on all duties					
All teachers	47	47	47	46	46
Elementary	49	47	46	44	44
Secondary	46	48	48	48	48
Preparation time per week (percent)					
Elementary, not departmentalized:					
None	....[1]	....[1]	....[1]	....[1]	25.0
Less than one hour	....[1]	....[1]	....[1]	....[1]	6.6
From 1 to less than 3 hours	....[1]	....[1]	....[1]	....[1]	33.7
From 3 to less than 5 hours	....[1]	....[1]	....[1]	....[1]	21.1
5 or more hours	....[1]	....[1]	....[1]	....[1]	13.5
Elementary, departmentalized:					
No preparation periods	....[1]	....[1]	....[1]	44.5	4.8
1-4 preparation periods	....[1]	....[1]	....[1]	28.5	33.7

	1961	1966	1971	1976	1981
5 or more preparation periods	....[1]	....[1]	....[1]	27.0	61.4
Secondary:					
No preparation periods	21.4	22.9	19.4	19.4	11.4
1-4 preparation periods	9.5	7.3	5.5	11.0	10.5
5 or more preparation periods	69.1	69.8	75.0	69.5	78.0
Length of school year					
Classroom teaching days:					
Mean number of days:					
All teachers	....[1]	181	181	180	180
Elementary	....[1]	181	181	180	180
Secondary	....[1]	180	181	180	180
Mean number of nonteaching days:					
All teachers	....[1]	5	4	5	6
Elementary	....[1]	4	4	5	6
Secondary	....[1]	5	5	5	6
Lunch period					
Mean number of minutes:					
All teachers	40	38	37	35	33
Elementary	44	41	39	36	34
Secondary	35	35	34	33	32
Percent of teachers who eat lunch with pupils:					
All teachers	38.8[4]	46.9[4]	24.1[5]	28.2[5]	44.6[5]
Elementary	50.5[4]	62.8[4]	32.8[5]	38.1[5]	52.0[6]
Secondary	23.1[4]	29.4[4]	14.5[5]	18.8[5]	37.2[6]
PROFESSIONAL DEVELOPMENT					
Collect credits earned in last 3 years (percent)					
Percent having earned credits:					
All teachers	....[1]	....[1]	60.7	63.2	56.1
Males	....[1]	....[1]	67.9	65.0	50.8
Females	....[1]	....[1]	57.0	62.4	58.8
Mean number of semester hours earned:					
All teachers	....[1]	....[1]	14	....[7]	9
Males	....[1]	....[1]	17	....[7]	10
Females	....[1]	....[1]	13	....[7]	9
ATTITUDES TOWARD THE PROFESSION					
Willingness to teach again (percent)					
All teachers:					
Certainly would	49.9	52.6	44.9	37.5	21.8
Probably would	26.9	25.4	29.5	26.1	24.6
Chances about even	12.5	12.9	13.0	17.5	17.6
Probably would not	7.9	7.1	8.9	13.4	24.0
Certainly would not	2.8	2.0	3.7	5.6	12.0
ECONOMIC STATUS					
Mean annual contract salary (in dollars)					
All teachers	5,264[8]	6,253	9,261	12,005	17,209
Males	5,568[8]	6,639	9,854	12,838	18,473
Females	5,120[8]	6,077	8,953	11,578	16,558

	1961	1966	1971	1976	1981
Total income (including spouse's if married) (in dollars)					
All teachers	[1]	[1]	15,021	19,957	29,831
Males	[1]	[1]	14,243	18,674	27,729
Females	[1]	[1]	15,439	20,642	31,068
PERSONAL LIFE					
Median age (years)					
All teachers	41	36	35	33	37
Males	34	33	33	33	38
Females	46	40	37	33	36
Race (percent)					
Black	[1]	[1]	8.1	8.0	7.8
White	[1]	[1]	88.3	90.8	91.6
Other	[1]	[1]	3.6	1.2	0.7
Sex (percent)					
Male	31.3	31.1	34.3	32.9	33.1
Female	68.7	69.0	65.7	67.0	66.9
Marital status (percent)					
All teachers:					
Single	22.3	22.0	19.5	20.1	18.5
Married	68.0	69.1	71.9	71.3	73.0
Widowed, divorced, separated	9.7	9.0	8.6	8.6	8.5
Males:					
Single	17.3	19.8	15.2	19.7	14.5
Married	80.5	78.2	81.5	76.3	80.7
Widowed, divorced, separated	2.2	2.1	3.2	4.0	4.8
Females:					
Single	24.6	22.9	21.6	20.3	20.4
Married	62.4	65.0	66.7	68.8	69.3
Widowed, divorced, separated	13.0	12.2	11.4	10.9	10.4
Percent with employed spouses (full or part time) (percent)					
All teachers	49.5	51.0	54.4	57.1	62.3
Males	32.4	35.7	44.9	47.6	58.9
Females	57.3	57.9	59.4	61.9	64.2
Married teachers	73.2	73.9	75.8	80.2	85.1
Males	40.5	45.7	55.1	62.3	72.6
Females	92.5	89.4	88.9	90.1	92.3
Teachers' children (percent)					
Percent who have children:					
All teachers	57.9	57.6	56.8	55.0	73.6
Males	70.7	66.0	65.6	61.7	81.8
Females	52.1	53.8	52.1	51.7	69.6
Home and car ownership (percent)					
Own home	[1]	61.6	66.9	71.4	80.8
Own car	[1]	95.9	94.8	92.8	97.0
Own one car	[1]	58.5	47.6	35.2	33.7
Own two cars	[1]	35.3	43.6	51.7	49.3
Own three or more cars	[1]	2.1	3.6	5.9	14.0
Do not own car	[1]	4.1	5.2	7.2	3.0

	1961	1966	1971	1976	1981
COMMUNITY AND CIVIC LIFE					
Political philosophy (percent)					
All teachers:					
Conservative	[1]	[1]	16.9	17.1	20.1
Tend to be conservative	[1]	[1]	43.6	44.5	50.2
Tend to be liberal	[1]	[1]	27.8	30.3	24.2
Liberal	[1]	[1]	11.7	8.1	5.5
Political affiliation (percent)					
All teachers:					
Democrat	[1]	[1]	43.0	40.7	40.2
Republican	[1]	[1]	33.7	24.5	29.4
Other	[1]	[1]	1.5	0.7	0.4
No affiliation	[1]	[1]	21.8	34.1	30.0

NOTES:
[1] Data not available.
[2] Includes elementary-secondary combination.
[3] Includes junior-senior high combination.
[4] Percents include teachers eating lunch with pupils due to requirement, custom, or preference.
[5] Percents include teachers eating lunch with pupils due to requirement or custom only.
[6] Percents include teachers eating lunch with pupils due to requirement only.
[7] Omitted due to inconsistent method of analysis.
[8] 1961 figures include pay for extra duties.

Willingness to Teach Again Responses for All Teachers, 1961-1981

(percent)

Response Category	1961	1966	1971	1976	1981
1	2	3	4	5	6
Certainly would	49.9	52.6	44.9	37.5	21.8
Probably would	26.9	25.4	29.5	26.1	24.6
Chances are about even	12.5	12.9	13.0	17.4	17.6
Probably would not	7.9	7.1	8.9	13.4	24.0
Certainly would not	2.8	2.0	3.7	5.6	12.0

Plans to Remain in Teaching for All Teachers, 1971-1981

(percent)

Option	1976	1981
1	2	3
Until required to retire	11.1	13.8
Until eligible for retirement	48.7	34.7
Will probably continue unless something better comes along	9.6	18.9
Definitely plan to leave teaching as soon as I can	5.0	8.0
Undecided at this time	25.5	24.6

Mean Annual Contract Salaries for All Teachers and Selected Subgroups, 1961-1981

Group/Subgroup	1961	1966	1971	1976	1981
1	2	3	4	5	6
All teachers	5,264	6,253	9,261	12,005	17,209
Males	5,568	6,639	9,845	12,838	18,473
Females	5,120	6,077	8,953	11,578	16,668
Elementary	5,090	6,119	9,092	11,803	16,873
Secondary	5,489	6,399	9,449	12,196	17,360
Bachelor's or less	[1]	5,937	8,603	10,976	15,720
Master's or higher	[1]	7,511	10,999	13,702	18,788
Under age 30	[1]	5,390	7,907	9,851	13,195
Age 30-39	[1]	6,576	9,732	12,567	16,917
Age 40-49	[1]	6,797	10,327	13,767	19,002
Age 50 and over	[1]	6,722	10,180	14,021	19,624
Large systems	[1]	7,033	9,843	13,404	18,628
Medium systems	[1]	6,304	9,444	12,072	17,582
Small systems	[1]	5,666	8,347	10,678	15,490
Northeast	[1]	6,860	10,337	13,387	18,020
Southeast	[1]	5,183	7,783	10,081	14,790
Middle	[1]	6,178	9,295	11,765	17,247
West	[1]	6,683	9,418	12,748	18,185

[1] Data not available.

Mean Annual Contract Salary for All Teachers, Consumer Price Index, 1960-61 through 1980-81

Date	Mean annual contract salary	Percent change	CPI[1]	Percent change
1	2	3	4	5
School year 1960-61	$5,264[2]		89.3	
School year 1965-66	6,253	18.8	96.2	7.7
School year 1970-71	9,261	48.1	119.8	24.5
School year 1975-76	12,005	29.6	167.7	40.0
School year 1980-81	17,209	43.3	263.9	57.4

[1] CPI indexed to 1967 (1967 CPI = 100.0).

[2] 1961 figures include extra pay for extra duties.

Mean Additional Income from All Additional Sources For All Teachers, 1966-1981

Source of Income	1966	1971	1976	1981
1	2	3	4	5
Previous summer employment				
School system employment	$608	$886	$1,003	$1,114
Outside employment	817	938	1,502	1,629
Federal program employment	...[1]	...[1]	878	1,162
School year employment				
Additional pay within school system (e.g., coaching, publications)	392	597	712	1,081
Other employment within school system (e.g., bus driving)	...[1]	...[1]	828	1,208
Outside employment	...[1]	1,274	1,662	1,603
Nonsalary income	165	1,352	1,624	1,923
All additional income	1,124	1,483	1,953	2,462

[1] Data not available.

Years of Full-Time Teaching Experience for All Teachers, 1961-1981

(percent)

Teaching Experience	1961	1966	1971	1976	1981
1	2	3	4	5	6
1 year	8.0	9.1	9.1	5.5	1.6
2 years	6.3	9.3	7.7	5.8	3.7
3-4 years	13.2	14.4	15.6	16.0	8.2
5-9 years	19.4	21.7	24.0	28.9	26.2
10-14 years	15.1	14.2	15.6	17.3	23.0
15-19 years	10.4	9.8	9.7	12.5	15.4
20 years or more	27.6	21.4	18.3	14.1	21.9
Mean	13	12	11	10	13
Median	11	8	8	8	12

Recency of Entry for Full-Time Teachers, 1966-1981

(percent)

Time of Entry	1966	1971	1976	1981
1	2	3	4	5
Within previous 5 years	35.1	35.3	32.3	16.9
6-10 years ago	16.7	18.4	23.8	24.2
11-20	17.4	22.0	27.2	33.9
More than 20 years ago	30.9	24.3	16.9	25.0

Principal Reasons Selected by All Teachers For Deciding To Become a Teacher, 1971-1981

(percent)

Reason	1971	1976	1981
1	2	3	4
Desire to work with young people	71.8	71.4	69.6
Interest in subject-matter field	34.5	38.3	44.1
Value or significance of education in society	37.1	38.3	44.1
Influence of a teacher in elementary or secondary school	17.9	20.6	25.4
Long summer vacation	14.4	19.1	21.5
Influence of family	29.5	18.4	21.5
Job security	16.2	17.4	20.6
Never really considered anything else	17.4	17.4	20.3
Opportunity for a lifetime of self-growth	21.4	17.4	13.1

Age Distribution for All Teachers, 1961-1981

(percent)

Age	1961	1966	1971	1976	1981
1	2	3	4	5	6
Under age 30	[1]	33.9	37.1	37.1	18.7
Age 30-39	[1]	22.8	28.3	38.8	
Age 40-49	[1]	17.5	17.8	19.1	23.1
Age 50 and over	[1]	25.8	22.3	5.5	19.4
Years					
Mean	42	39	38	36	39
Median	41	36	35	33	37

[1] Subgroup data not available

Percentages of All Teachers Participating In Professional Growth Activities, 1971-1981

(percent)

Activities	1971	1976	1981
1	2	3	4
Workshops sponsored by school system during school year	58.6	68.3	67.4
Workshops sponsored by school system during summer	20.5	21.9	13.4
College courses in education during school year	40.1	45.4	21.3
College courses in education during summer	30.4	33.8	13.3
College courses in fields other than education during school year	26.1	25.9	12.7
College courses in fields other than education during summer	21.5	16.2	5.7
University extension courses	32.6	33.8	18.7
Association-sponsored activities	24.5	23.3	27.1
Curriculum committee	40.8	44.7	34.2
Committee other than curriculum	35.3	38.6	32.6
Educational TV	11.3	12.2	13.4
Educational travel, not sabbatical	26.4	23.0	14.7
Sabbatical leave—travel	3.8	7.2	2.4
Sabbatical leave—full-time college	2.4	3.7	0.6

Occupation of Father for All Teachers, 1961-1981[1]

(percent)

Occupation	1961	1971	1976	1981
1	2	3	4	5
Farmer	26.5	19.3	15.2	15.3
Unskilled	6.5	8.4	9.9	9.3
Skilled or semiskilled worker	23.4	25.7	28.6	29.3
Clerical or sales worker	7.1	5.5	5.7	5.6
Managerial worker or self-employed	22.0	22.1	20.5	22.2
Professional or semiprofessional worker	14.5	18.9	20.1	18.2

[1] Data not available for 1966.

SOURCE: NATIONAL EDUCATION ASSOCIATION

Estimated Supply of Biology, Chemistry, Physics, General Science, Earth Science, and Mathematics Teachers

Secondary Schools, 1980

State	Biology	Chemistry	Physics	General Science	Earth Science	Math
Alabama	slight surplus	adequate	critical shortage	adequate	shortage	no response
Alaska	surplus	surplus	surplus	surplus	surplus	surplus
Arizona	no response	no response	no response	no response	no response	no response
Arkansas	adequate	shortage	shortage	adequate	adequate	shortage
California	slight surplus	slight surplus	shortage	adequate	shortage	slight surplus
Colorado	adequate	adequate	adequate	adequate	adequate	adequate
Connecticut	adequate	adequate	shortage	adequate	adequate	shortage
Delaware	adequate	adequate	adequate	adequate	adequate	adequate
District of Columbia	adequate	adequate	shortage	slight surplus	adequate	shortage
Florida	adequate	critical shortage	critical shortage	shortage	critical shortage	shortage
Georgia	surplus	surplus	surplus	surplus	surplus	surplus
Hawaii	slight surplus	shortage	shortage	adequate	shortage	adequate
Idaho	surplus	shortage	shortage	adequate	shortage	shortage
Illinois	adequate	critical shortage	critical shortage	shortage	shortage	critical shortage
Indiana	critical shortage	critical shortage	critical shortage	critical shortage	critical shortage	critical shortage
Iowa	slight surplus	critical shortage	critical shortage	adequate	shortage	critical shortage
Kansas	slight surplus	shortage	shortage	shortage	shortage	shortage
Kentucky	adequate	shortage	critical shortage	adequate	shortage	critical shortage
Louisiana	adequate	shortage	critical shortage	adequate	shortage	shortage
Maine	adequate	adequate	adequate	adequate	adequate	shortage
Maryland	adequate	shortage	shortage	shortage	shortage	shortage
Massachusetts	surplus	surplus	surplus	surplus	surplus	surplus
Michigan	adequate	shortage	shortage	adequate	adequate	shortage
Minnesota	slight surplus	adequate	shortage	adequate	adequate	no response
Mississippi	surplus	slight surplus	shortage	surplus	shortage	no response
Missouri	shortage	critical shortage	critical shortage	shortage	shortage	critical shortage
Montana	no response	no response	no response	no response	no response	no response
Nebraska	adequate	shortage	shortage	adequate	shortage	adequate
Nevada	adequate	shortage	critical shortage	adequate	adequate	shortage
New Hampshire	slight surplus	critical shortage	critical shortage	shortage	critical shortage	critical shortage
New Jersey	adequate	adequate	shortage	adequate	adequate	adequate
New Mexico	slight surplus	adequate	shortage	slight surplus	adequate	shortage
New York	adequate	shortage	critical shortage	adequate	shortage	critical shortage

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State	Biology	Chemistry	Physics	General Science	Earth Science	Math
North Carolina	shortage	critical shortage	critical shortage	shortage	shortage	critical shortage
North Dakota	adequate	shortage	shortage	shortage	shortage	shortage
Ohio	slight surplus	shortage	critical shortage	adequate	slight surplus	adequate
Oklahoma	slight surplus	shortage	critical shortage	slight surplus	critical shortage	critical shortage
Oregon	adequate	adequate	adequate	adequate	adequate	critical shortage
Pennsylvania	slight surplus	shortage	critical shortage	slight surplus	shortage	critical shortage
Rhode Island	no response	no response	no response	no response	no response	no response
South Carolina	shortage	critical shortage	critical shortage	shortage	critical shortage	critical shortage
South Dakota	adequate	shortage	critical shortage	adequate	adequate	adequate
Tennessee	adequate	adequate	adequate	adequate	shortage	adequate
Texas	slight surplus	adequate	adequate	shortage	critical shortage	critical shortage
Utah	adequate	shortage	shortage	adequate	shortage	shortage
Vermont	shortage	shortage	critical shortage	adequate	adequate	adequate
Virginia	surplus	adequate	shortage	slight surplus	critical shortage	shortage
Washington	adequate	shortage	shortage	adequate	shortage	adequate
West Virginia	adequate	critical shortage	critical shortage	shortage	shortage	critical shortage
Wisconsin	slight surplus	shortage	critical shortage	shortage	shortage	critical shortage
Wyoming	adequate	shortage	shortage	adequate	shortage	shortage
American Samoa	critical shortage	critical shortage	critical shortage	critical shortage	critical shortage	critical shortage

SOURCE: IOWA STATE DEPARTMENT OF PUBLIC INSTRUCTION

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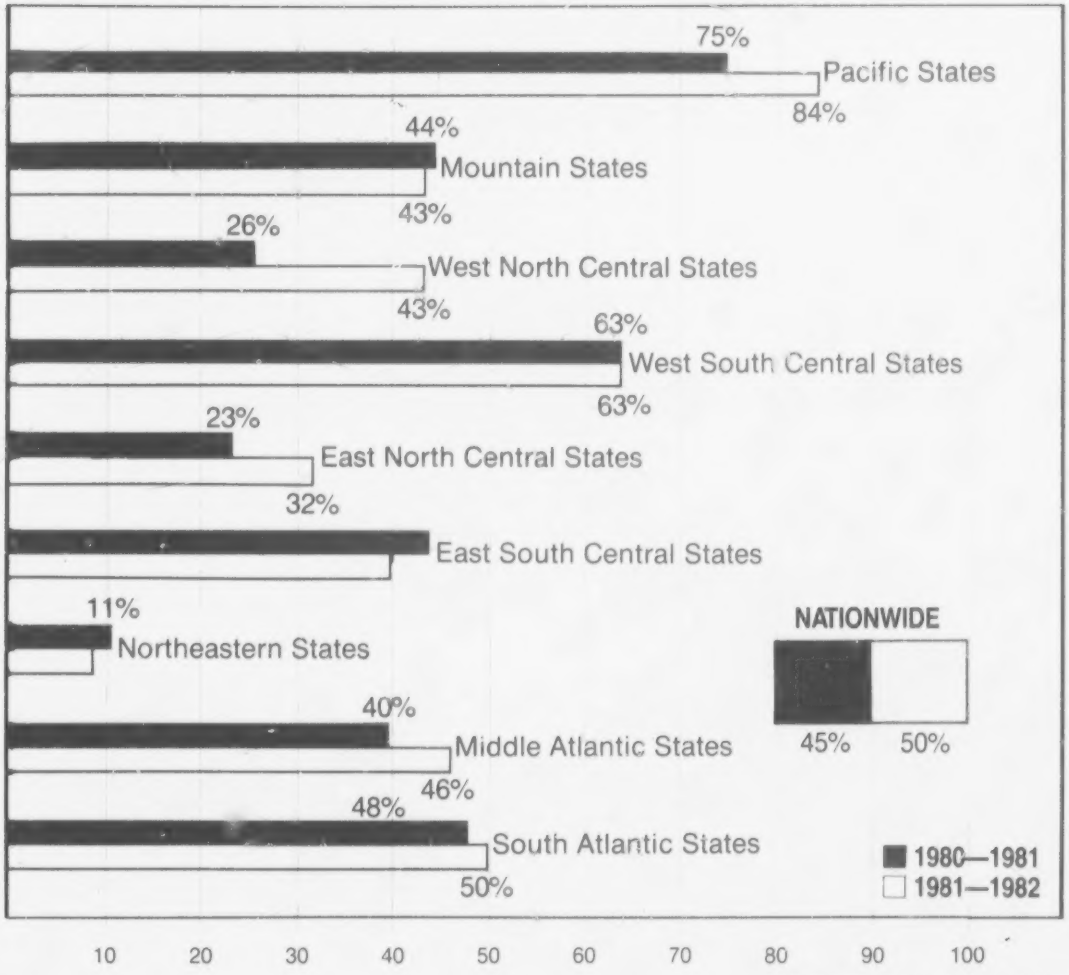
Newly Employed but 'Unqualified' Science and Mathematics Teachers

(Principals' Response to Questionnaire)



SOURCE: NATIONAL SCIENCE TEACHERS ASSOCIATION